TSD File Inventory Index

Date: January 17, 2001 Initial: Mercuap

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY REGION V

111 West Jackson Blvd. CHICAGO, ILLINOIS 60604

APR 1 6 1982

REPLY TO ATTENTION OF:

James E. F. Morgan, Manager McKesson Chemical Company 2055 Hammond Drive Schaumburg, Illinois 60193

RE: Interim Status Acknowledgement USEPA ID No. ILD 000 819 938

FACILITY NAME: MCKESSON CHEMICAL COMPANY

Dear Mr. Morgan:

This is to acknowledge that the U.S. Environmental Protection Agency (USEPA) has completed processing your Part A Hazardous Waste Permit Application. It is the opinion of this office that the information submitted is complete and that you, as an owner or operator of a hazardous waste management facility, have met the requirements of Section 3005(e) of the Resource Conservation and Recovery Act (RCRA) for Interim Status. However, should USEPA obtain information which indicates that your application was incomplete or inaccurate, you may be requested to provide further documentation of your claim for Interim Status. Our opinion will be reevaluated on the basis of this information.

As an owner or operator of a hazardous waste management facility, you are required to comply with the interim status standards as prescribed in 40 CFR Parts 122 and 265, or with State rules and regulations in those States which have been authorized under Section 3006 of RCRA. In addition, you are reminded that operating under interim status does not relieve you from the need to comply with all applicable State and local requirements.

The printout enclosed with this letter identifies the limit(s) of the process design capacities your facility may use during the interim status period. This information was obtained from your Part A Permit application. If you wish to handle new wastes, to change processes, to increase the design capacity of existing processes, or to change ownership or operational control of the facility, you may do so only as provided in 40 CFR Sections 122.22 and 122.23.

As stated in the first paragraph of this letter, you have met the requirements of 40 CFR Part 122.23; your facility may operate under interim status until such time as a permit is issued or denied. This will be preceded by a request from this office or the State (if authorized) for Part B of your application. Please contact Arthur Kawatachi of my staff at (312) 886-7449, if you have any questions concerning this letter or the enclosure.

Sincerely yours,

Karl J. Klepitsch, Jr., Chief

Waste Management Branch

Enclosure

cc: M. A. Minor, Regional V.P.

FACILITY NAME

MCKESSON CHEMICAL COMPANY

EPA ID NUMBER ILD000819938

FACILITY OPERATOR

FOREMOST-MCKESSON INC

FACILITY OWNER

FOREMOST-MCKESSON INC

FACILITY LOCATION

2055 HAMMOND DR SCHAUMBURG

60193 IL

PROCESS CODE

DESIGN CAPACITY

UNIT OF MEASURE

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United States Environmental Protection Agency Washington, DC 20460 Please refer to the *Instructions for Filing Notification* before completing this form. The information requested **Notification of Hazardous Waste Activity** here is required by law (Section 3010 of the Resource Conservation and Recovery Act). For Official Use Only Comments С Date Received day) Installation's EPA ID Number (vr. mo. Approved C C F Name of Installation U R W R II. Installation Mailing Address Street or P.O. Box C Е D R V 0 ζ Μ 0 H 3 City or Town State ZIP Code \mathbf{L} 0 1 9 б U R Μ В G Location of Installation Street or Route Number M MN D D R Ι V Ε 2 0 5 5 Η 0 Α City or Town **ZIP Code** 9 5 L 1 6 S C U Μ В R G Η V. Installation Contact Name and Title (last, first, and job title) Phone Number (area code and number) 3 1 9 1 G R Μ R 0 N E С K D Ownership A. Name of Installation's Legal Owner B. Type of Ownership (enter code) R S Ι Ν C W Α R R 0 G Ε VI. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions,) A. Hazardous Waste Activity B. Used Oil Fuel Activities 6. Off-Specification Used Oil Fuel X 1a. Generator ☐ 1b. Less than 1,000 kg/mo. (enter 'X' and mark appropriate boxes below) X 2. Transporter a. Generator Marketing to Burner ☐ 3. Treater/Storer/Disposer 4. Underground Injection b. Other Marketer 5. Market or Burn Hazardous Waste Fuel C. Burner (enter 'X' and mark appropriate boxes below) 7. Specification Used Oil Fuel Marketer (on On site Burner)
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B. Subsequent Notification (complete item C)

A. First Notification

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Van Waters & Rogers Inc. subsidiary of Univar

600 Hunter Drive Oak Brook, IL 60521 Phone 312-573-4300

June 8, 1987

U. S. EPA, Region V Waste Management Division Illinois Desk P.O. Box A-3587 Chicago, IL 60690

RE: Van Waters & Rogers, Inc. Schaumburg, Illinois ILD 000 819 938

Gentlemen:

Attached is a Subsequent Notification of Hazardous Waste Activity for above referenced facility.

This notification is submitted due to a change in installation contact because of a management change. Please revise your records accordingly.

Very truly yours,

VAN WATERS & ROGERS, INC.

Robert D. Hickman

Regional Regulatory Manager

RDH: be

Attachment

COPIES TO: T. E. Nisler

J. J. Pesek

File

n Approved. OMB No. 2050-0028. Expires 9-30-88 GSA No. 0246-EPA-01 ; inch) in the unshaded areas only Please print or type with ELITE type (12 character United States Environmental Protection Agenty
Washington, DC 20460 Please refer to the Instructions for Filing Notification before completing this form. The information requested here is required by law (Section 3010 of the Resource Conservation and Page 1987). **SEPA** Notification of Hazardous Waste Activity and Recovery Act). For Official Use Only Comments C С RECEIVED **Date Received** (yr. day Installation's EPA ID Number Approved mo. SEP 26 1988 F Name of Installation R II. Installation Mailing Address Street or P.O. Box đ 2 0 5 5 Η 0 m m 3 City or Town State ZIP Code L 9 С 0 III. Location of Installation Street or Route Number 2 0 а m 5 City or Town State ZIP Code S L C u m u 9 IV. Installation Contact Name and Title (last, first, and job title) Phone Number (area code and number) i n a h Μ 1 3 9 7 1 5 Ownership A. Name of Installation's Legal Owner B. Type of Ownership (enter code) subsidiary Tobela W I D S N VI. Type of Regulated Waste Activity (Mark 'X' in the appropriate boxes. Refer to instructions.) A. Hazardous Waste Activity **B. Used Oil Fuel Activities** ☐ 6. Off-Specification Used Oil Fuel ايراً 1a. Generator ☐ 1b. Less than 1,000 kg/mo. (enter 'X' and mark appropriate boxes below) 2. Transporter a. Generator Marketing to Burner 3. Treater/Storer/Disposer 4. Underground Injection ☐ b. Other Marketer 5. Market or Burn Hazardous Waste Fuel (enter 'X' and mark appropriate boxes below) a. Generator Marketing to Burner 7. Specification Used Oil Fuel Marketer (or On site Burner) Who First Claims the Oil Meets the Specification b. Other Marketer VII. Waste Fuel Burning: Type of Combustion Device (enter 'X' in all appropriate boxes to indicate type of combustion device(s) in which hazardous waste fuel or off-specification used oil fuel is burned. See instructions for definitions of combustion devices.) A. Utility Boiler B. Industrial Boiler C. Industrial Furnace VIII. Mode of Transportation (transporters only — enter 'X' in the appropriate box(es) A. Air B. Rail C. Highway D. Water . E. Other (specify) IX. First or Subsequent Notification Mark 'X' in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification. If this is not your first notification, enter your installation's EPA ID Number in the space provided below.

EPA Form 8700-12 (Rev. 11-85) Previous edition is obsolete.

B. Subsequent Notification (complete item C)

A. First Notification

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C. Installation's EPA ID Number

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EPA Form 8700-12 (Rev. 11-85) Previous edition is obsolete.

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A. First Notification

B. Subsequent Notification (complete item C)

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		W	T/A C 1
X. Description of Hazardous Wastes			
Hazardous Wastes from Nonspecific Sour from nonspecific sources your installation h	ces. Enter the four-digit nual	umber from 40 CFR Part 261.31 for each tets if necessary.	listed hazardous waste
1 2	3	4 5	6
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7 B	9 3	10 11	12
B. Hazardous Wastes from Specific Sources. specific sources your installation handles. U	Enter the four-digit numbers additional sheets if ner	er from 40 CFR Part 261,32 for each liste	ed hazardous waste from
13 14	15	16 17	18
19 20	21	22 23	24
25 26	27	28 29	30
	- 28 - 23 %		
C. Commercial Chemical Product Hazardous your installation handles which may be a ha	Wastes. Enter the four-dig	git number from 40 CFR Part 261.33 for	each chemical substance
31 32	33	34 35	36
37 38	39	40. 41	42
43 44	45	46 47	48
	9,3		
D. Listed Infectious Wastes. Enter the four-dig	it number from 40 CFR Pa	art 261.34 for each hazardous waste from	n hospitals, veterinary hos-
pitals, or medical and research laboratories	your installation handles. \	Jse additional sheets if necessary.	
49 50	51	52 53	54
E. Characteristics of Nonlisted Hazardous Wa your installation handles. (See 40 CFR Parts.)	stes. Mark 'X' in the boxes 261.21 — 261.24)	s corresponding to the characteristics of	nonlisted hazardous wastes
1. Ignitable (D001)	2. Corrosive	3. Reactive	4. Toxic
XI. Certification	(D002)	(D003)	(0000)
I certify under penalty of law that I this and all attached documents, as obtaining the information, I believe there are significant penalties for su	nd that based on my i that the submitted info	inquiry of those individuals imm ormation is true, accurate, and co	ediately responsible for molete. Lam aware that
Signatura		icial Title (type or print)	Date Signed
Kul Doon		OPER, P. SSIJEMI	SEPT. 22,1986
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ACKNOWLEDGEMENT OF NOTIFICATION OF HAZARDOUS WASTE ACTIVITY (VERIFICATION)

This is to acknowledge that you have filed a Notification of Hazardous Waste Activity for the installation located at the address shown in the box below to comply with Section 3010 of the Resource Conservation and Recovery Act (RCRA). Your EPA Identification Number for that installation appears in the box below. The EPA Identification Number must be included on all shipping manifests for transporting hazardous wastes; on all Annual Reports that generators of hazardous waste, and owners and operators of hazardous waste treatment, storage and disposal facilities must file with EPA; on all applications for a Federal Hazardous Waste Permit; and other hazardous waste management reports and documents required under Subtitle C of RCRA.

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		MCKESSON CHEMICAL 2055 HAMMOND DR SCHAUMBURG	COMPANY IL	60193
INSTALLATION ADDRESS		2055 HAMMOND DR Schaumburg	IL.	60193
EPA Form 8700-128 (4-80)		09/28/81		

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Mark "X" in the appropriate box to indicate whether this is your installation's first notification of hazardous waste activity or a subsequent notification.

If this is not your first notification, enter your Installation's EPA I.D. Number in the space provided below.

B. SUBSEQUENT NOTIFICATION (complete item C)

IX. DESCRIPTION OF HAZARDOUS WASTES 🚬 🥍

A. FIRST NOTIFICATION

Please go to the reverse of this form and provide the requested information.

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Insta		G. N. But	ter Technica	1 Director	

EPA Form'8700-12 (6-80) REVERSE

Foremost-McKesson Chemical Group One Post Street San Francisco, CA 94104 415 983 8300



To Whom It May Concern:

McKesson Chemical Company, which is an operating division of Foremost McKesson, Inc., is a distributor of various chemical products for various suppliers of chemicals. It operates a large number of distribution facilities throughout the country, of which this is one. We stock an average of five-hundred (500) packaged chemical products at these locations. The products carried will vary from location to location and from time to time. It is anticipated that some or all of the products could at one time or another result in the generation of a hazardous waste and the amount generated could in one or more instances exceed the quantity limit for a small generator. Since ours is a distributing function it is impossible for us to be more specific at this time.

G. N. Butter

Technical Director

McKesson Chemical Company

GNB:ks

attachment (Form GSA No. 0246-EPA-OT)

November 20, 1980



EPA Region V RCRA Activities P O BOX 7861 Chicago, IL 60680

Re: McKesson Chemical Company's Listing for RCRA OMB #158-S79016

Gentlemen:

On or prior to August 18, 1980, we filed with your office a Notification of Hazardous Waste Activity for our facilities at Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin Branches.

In that Notification, we advised that the facility would act as a transporter and or generator of hazardous waste.

We are primarily distributors of industrial chemicals for various chemical producers throughout the country. As an accommodation to our customers it is our intent to, from time to time, pick up several drums of material from our customer's facility that would fit the classification of a hazardous waste. We would transport this material to a recycler for recycling, not for disposal. Because of the distance this material must be transported, it would be necessary at times to store some of these drums on our facility for short periods to enable us to accumulate sufficient drums to make the transport economic.

We are informed that even though as a generator of hazardous waste we would be authorized to store our own waste for up to 90 days without requiring a permit, the storage of similar material belonging to our customers, in the course of transporting it to a recycler, would constitute our facility a hazardous waste management (storage) facility, for which a permit would be required.



Foremost-McKesson, Inc.

Crocker Plaza • One Post Street • San Francisco, CA 94104

Return Requested

TO EPA REGION V
RCRA Activities
P O BOX 7861
Chicago, IL 60680
Attn: Y.J. Kim



RETURN RESERVE REQUESTED

IX. DESCRIPTION OF HAZARDOUS WASTES

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IX. DESCRIPTION OF HAZ	ARDOUS WASTES (con	tinued from front)			13 14
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SIGNATURE ABIT	tter	G. N. Butter, McKesson Chem		irector	8-14-80

EPA Form 8700-12 (6-80) REVERSE

Foremost-McKesson Chemical Group Central Region 600 Hunter Drive Oakbrook, IL 60521 312 986 4300

November 18, 1980

EPA Region 5 Solid Waste Program 230 South Dearborn Street Chicago, Illinois 60604 JL0000819938



Dear Sir:

On or prior to August 18, 1980, we filed with your office a Notification of Hazardous Waste Activity for our facility at 2055 Hammond Drive, Schaumburg, Ill 60193 (no number received).

In that Notification we advised that the facility would act as a generator and transporter of hazardous waste.

We are primarily distributors of industrial chemicals for various chemical producers throughout the country. As an accomodation to our customers it is our intent to, from time to time, pick up limited quantities of material in drums from our customer's facility that would fit the classification of a hazardous waste. We would transport this material to a recycler for recycling, not for disposal. Because of the distance this material must be transported to the recycler, it would be necessary at times to store some of these drums on our facility for short periods to enable us to accumulate sufficient drums to make the transport economic.

We are informed that even though as a generator of hazardous waste we would be authorized to store our own waste for up to 90 days without requiring a permit, the storage of similar material belonging to our customers, in the course of transporting it to a recycler, would constitute our facility a hazardous waste management (storage) facility, for which a permit would be required.

Since we believe that what we propose would be a sound and responsible hazardous waste management activity, we would request the opportunity to do this. We are also advised that this requires an amendment of the Notification and Part A permit application. We respectfully ask that this letter be accepted as an amendment to our Notification and Hazardous Waste Permit Application which have been previously filed with you.

(Continued)



We would ask acknowledgement of your acceptance of this amendment. For your convenience, we enclose a copy of this letter on which your acknowledgement can be noted, and a stamped, self-addressed envelope with which it may be returned to us. Thank you for your very kind cooperation.

Respectfully,

m.a. munor

M. A. Minor Regional Vice President

Enclosure

ACCEPTED:

Environmental Region	Protection	Agency —
Ву:		

Foremost-McKesson Chemical Group One Post Street San Francisco, CA 94104 415 983 8300



To Whom It May Concern:

McKesson Chemical Company, which is an operating division of Foremost-McKesson, Inc., is a distributor of various chemical products for various suppliers of chemicals. It operates a large number of distribution facilities throughout the country, of which this is one. We stock an average of five-hundred (500) packaged chemical products at these locations. The products carried will vary from location to location and from time to time. It is anticipated that some or all of the products could at one time or another result in the generation of a hazardous waste and the amount generated could in one or more instances exceed the quantity limit for a small generator. Since ours is a distributing function it is impossible for us to be more specific at this time.

In addition, this particular unit is a repackager of certain chemical products which is expected to result in the generation of hazardous wastes. This is more particularly spelled out in the Notification submitted herewith.

G. N. Butter

Technical Director

McKesson Chemical Company

GNB:ks attachment (Form GSA No. 0246-EPA-OT)

AUG 18 1980

Van Waters & Rogers Inc.

subsidiary of **Univar**

600 HUNTER DRIVE OAK BROOK, IL 60521 PHONE [708] 573-4300

CERTIFIED MAIL #P472-960-463 RETURN RECEIPT REQUESTED

September 21, 1990

U.S. Environmental Protection Agency - Region V RCRA Activities Waste Management Division P.O. Box A3587 Chicago, Illinois 60690

RE: Van Waters & Rogers Inc. 2055 Hammond Drive Schaumburg, Illinois 60173 ILD 000 819 938 SEP 2 5 1990

U. S. EPA, REGION V SWB - PMS

RCRA Interim Status Facility
Amendment to Part A application to describe newly listed characteristic waste codes pursuant to 40 CFR Part 261 and the Final Rule appearing March 29, 1990 in the Federal Register at 55 FR 11798

Dear RCRA Activities:

The Van Waters & Rogers Inc. (VW&R) location referenced above has RCRA interim status. Enclosed is an amended Part A application for this VW&R facility. VW&R is a RCRA intermediate drum storage facility only and does not engage in RCRA treatment, recycling or disposal activities. Hazardous waste stored at this VW&R location is ultimately transported to a properly licensed and permitted RCRA TSD facility for treatment, recycling or disposal as soon after arrival at VW&R as is reasonably practicable.

This amended Part A is submitted in accordance with 40 CFR Part 270.72(a)(1) to describe characteristic hazardous wastes newly identified by the U.S. Environmental Protection Agency. These newly identified waste codes are incorporated into 40 CFR Part 261 effective September 25, 1990, as announced in the Federal Register on March 29, 1990 at 55 FR 11798.

VW&R is amending its Part A to provide for storage in containers in route for proper treatment or disposal of the following newly identified secondary characteristics of hazardous wastes: D018, D021, D022, D023, D024, D025, D026, D027, D028, D029, D030, D032, D033, D034, D035, D036, D037, D038, D039, and D040.

U.S. EPA - Region V September 21, 1990 Page 2

VW&R is submitting this amendment using EPA Form 8700-23. We are enclosing only items I through IX, XIV.A, XVIII, and XIX of this form. The Part A currently on file with your office and the appropriate State regulatory agency is not being amended in any other respect at this time. The waste codes listed above and appearing in item XIV of the attached Part A are in addition to the waste codes already listed in the Part A currently on file with your office.

This amended Part A will not in any way alter VW&R's process of intermediate storage in drums at this facility. This amendment is submitted only for the purpose of confirming VW&R's authority to store newly identified TCLP secondary waste streams in drums at its present interim status storage unit.

Any questions concerning this correspondence should be directed to James Hooper (708-573-4340) or in writing to the letterhead address.

Very truly yours,

VAN WATERS & ROGERS INC.

James P. Hoggen

James P. Hooper Regulatory Manager

Northern Region

JPH:be

Enclosure

Copies to:

Mr. Lawrence Eastep, P.E., Manager Land Pollution Control Division Illinois EPA P.O. Box 19276 Springfield, Illinois 62794-9276

R.D. Hickman, NRO Branch Operations Manager File

bcc:

- S. Schmid, Univar
- J. Cichowicz, Univar
- T. Nisler, Univar

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XIII Process - Codes and Designic apacities of the

A PROCESS CODE Enter the code from the list of process codes below that best describes each process to be used at the facility. Twelverlines are provided for entering codes. It more times are needed, attach a separate sheet of paper with the additional information, it is necessable by the process (including its designation of the process will be used that Is not included in the list of codes below then describe the process (including its designation of the list of codes below then describe the process (including its designation of the list of codes below then describe the process (including its designation of the list of codes below then describe the process (including its designation of the list of codes to the process of the proc

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8	DISPOSAL:		0.44.04.0	_ [3
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3 0/3	INJECTION WELL	GALLONS; LITERS; GALLONS PER DAY;	G CALLONS OFF HOUR	fá
2	•	OR LITERS PER DAY	関 GALLONS PER HOUR	(E
D80	LANDFILL	ACRE-FEET OR HECTARE-METER	GALLONS PER DAY	18
D81	LAND APPLICATION	ACRES OR HECTARES	GALLONS PER DAT	
D82	OCEAN DISPOSAL	GALLONS PER DAY OR LITERS PER DAY	LITERS	,
D83	SURFACE IMPOUNDMENT	GALLONS OR LITERS	li.	: 1
8		a, 220110 ON 2112110	LITERS PER HOUR	H
4	STORAGE:	;	4	- 1
S01	CONTAINER	GALLONS OR LITERS	ITERS PER DAY	v
9	(barrel, drum, etc.)	GALLONS OR LITERS	011000	
S02	TANK	044.040.05.47====	SHORT TONS PER H	OURD
S03		GALLONS OR LITERS	METRIC TONS OFO	10110
	WASTE PILE	CUBIC YARDS OR CUBIC METERS	METRIC TONS PER H	OUR W
S04	SURFACE IMPOUNDMENT	GALLONS OR LITERS	SHORT TONS PER DA	AV 41 - 1
1			S SION TONS FER D	41
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T01	TANK	GALLONS PER DAY OR LITERS PER DAY	E	7
T02	SURFACE IMPOUNDMENT	GALLONS PER DAY OR LITERS PER DAY	POUNDS PER HOUR	
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8		TONS DED HOUSE OALLOWS DED HOUSE	👸 KILOGRAMS PER HO	URR
ė.		TONS PER HOUR; GALLONS PER HOUR;	3	
7		LITERS PER HOUR; OR BTU'S PER HOUR	CUBIC YARDS	
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T04	OTHER TREATMENT	GALLONS PER DAY; LITERS PER DAY;	S CODIC METERS	
si .		POUNDS PER HOUR; SHORT TONS PER	ACRES	
3	(Use for physical, chemical, thermal or biological treatment	HOUR; KILOGRAMS PER HOUR; METRIC		· · · · · · · · · · · · · · · · · · ·
N	processes not occurring in	TONS PER DAY; METRIC TONS PER	ACRE-FEET	Δ .
1	tanks, surface Impoundment or	HOUR; OR SHORT TONS PER DAY	A	
	Incinerators. Describe the	HOUR, OR SHORT TONS PER DAT	HECTARES	a l
Ţ	processes in the space provided in Item XIII.)	•	<u> </u>	
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ENGLISH UNIT OF MEASURE	CODE	METRIC UNIT OF MEASURE	 CODE
POUNDS	P	KILOGRAMS	K
TONS	τ	METRIC TONS	M

measure taking into account the appropriate density or specific gravity of the waster.

PROCESSES

PROCESS CODES

For ilsted hazardous waster For each ilsted hazardous FOR III sed hazardous waster of each listed nazardous waste where the cultum in the stored preated sandlor disposed of codes contained in item XII.A on page 3 to indicate how the waste will be stored preated sandlor disposed of the codes contained in item XII.A on page 3 to indicate all the processes that will be used to so the dispose of all the non-listed hazardous wastes that processes that characteristic or to the contained in item XII.A on page 3 to indicate all the processes that will be used to so the dispose of all the non-listed hazardous wastes that processes that characteristic or to the containing the codes of NOTE: THREE SPACES ARE PROVIDED FOR ENTERING PROCESS CODES THE MORE ARE NEEDED

- al. Enter the first two as described above.

 Z. Enter 000 in the extreme right box of item XIV-D(f).
- #31= Enter in the space provided on page 7, hem XIV-E, the line number and the additional code(s

PROCESS DESCRIPTION (lfa code is not listed for a process that will be used describe the form (D.(2))

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows: 25 to 1

- 1. Selectione of the EPA Hazardous Wasie Numbers and enter it in column A. On the same line complete column and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat; stor and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waster in column D(2) on that line enter included with above and make no other entries on that line (2) and
- Repeat step 2 for each EPA Hazardous Waste Number that can be used to describe the hazardous waste

EXAMPLE FOR COMPLETING ITEM XIV (shown in line numbers X-1, X-2, X-3, and X-4 below). A facility will treat and disp estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation; in addition; the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds perveal of each wastes The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfilli

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EPA I.D. Number (enter from page 1). I L D O O O B D D D D B D D D D D D D D D D
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Attach to this application a topographic map of the area extending to at least one mile beyond property boundaries. The map must show the outline of the facility, the location of each of its existing and proposed intake and discharge structures, each of its hazardous waste treatment, storage, or disposal facilities, and each well where it injects fluids underground. Include all springs.
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shazardous waste treatment, storage, or disposal facilitles, and each well where it injects fluids underground. Include all springs.
rivers and other surface water bodies in this map area. See instructions for precise requirements.
AVIE Facility Drawing:
All existing facilities must include a scale drawing of the facility (see instructions for more detail).
All existing facilities must include a scale drawing of the facility (see instructions for more detail).
XVIII- Photographs
All existing facilities must include photographs (aerial or ground-level) that clearly delineate all existing structures; existing storage,
treatment and disposal areas; and sites of future storage, treatment or disposal areas (see instructions for more detail).
Will: Certification(s)
I certify under penalty of law that I have personally examined and am familiar with the information submitted in this 👸
and all attached documents, and that based on my inquiry of those individuals immediately responsible for 🕏
obtaining the Information, I believe that the submitted information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and
imprisonment.
Owner Signature Date Signed
Name and Office Fills (trace of the state)
Name and Official Title (type or print) James F. Lacey, Regional Vice President
Operator Signature Date Signed
James V Jacey 9-22-90"
Name and Official Title (type or print)
(IX Comments

EPA Form 8700-23 (01-90)

Van Waters & Rogers Inc.

subsidiary of **Univar**

C, TR, TSD, PA

July 1, 1987

U. S. EPA, Region V 230 South Dearborn Street Chicago, IL 60604

RE: Van Waters & Rogers, Inc. ILD 000 819 938

Gentlemen:

Attached is a revised General Information Sheet (Form 3510-1) for our above referenced facility to reflect a change in the name of the facility coordinator.

Please revise your records accordingly.

Very truly yours,

VAN WATERS & ROGERS, INC.

Robert D. Hickman

Regional Regulatory Manager

RDH: be

Attachment

COPIES TO: T. E. Nisler

J. J. Pesek

File

Mary 10 Date

Ifill—in areas are spaced for elite type, i.e., 1. racters/.no				Form Approved OMB No. 158-R0175
FORM. S. ENVIR	IED	ENT	AL PROT	ECTION AGENCY
	nasai	idam	d Pamire	MATION Program before starting.) FILD 0 0 0 81 9 9 3 8 D
I. EPA I.D. NUMBER I L D 0 0 0	 8 1	Q	932	GENERAL INSTRUCTIONS If a preprinted label has been provided affix
Van Waters &			J J U	If in the designated space, Review the information carefully: if any of it is increased areas
vail waters of		- Ta		(2) appropriate fill—in area below. Also, if any of the preprinted data is absent (the area to the
V-MAILING ADDRESS 2055 Hammond Schaumburg,				iert of the label space lists the information that should appear, please provide it in the
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PACILITY 2055 Hammond Schaumburg,				must be completed regardless. Complete all items if no label has been provided. Refer to
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II. POLLUTANT CHARACTERISTICS	i e			Cwinion this data is collected.
if the supplemental form is attached. If you answer "no is excluded from permit requirements; see Section C of the	rtar to " to e e instr	ach o	sted in the ruestion; y ns. See als	submit any permit application forms to the EPA. If you answer "yes" to any a parenthesis following the question. Mark "X" in the box in the third column ou need not submit any of these forms. You may answer "no" if your activity o, Section D of the instructions for definitions of bold—faced terms.
SPECIFIC QUESTIONS	YES		FORM ATTACHED	SPECIFIC QUESTIONS WARK X
A. Is this facility a publicly owned treatment works which results in a discharge to waters of the U.S.? (FORM 2A)		X	on our Table	B. Does or will this facility (either existing or proposed) include a concentrated animal feeding operation or squatic animal production facility which results in a X
C. Is this a facility which currently results in discharges to waters of the U.S. other than those described in A or B above? (FORM 2C)	1	X		O. Is this a proposed facility (other than those described in A or B above) which will result in a discharge to X
E. Does or will this facility treat, store, or dispose of hazardous wastes? (FORM 3)-	V 22	23	24	F. Do you or will you inject at this facility industrial or municipal effluent below the lowermost stratum con-
G. Do you or will you inject at this facility any produced	28	25	. 30-	underground sources of drinking water? (FORM 4)
water or other fluids which are brought to the surface in connection with conventional oil or natural gas production, inject fluids used for enhanced recovery of oil or natural gas, or inject fluids for storage of liquid hydrocarbons? (FORM 4)		X	34	Hs Do you or will you inject at this facility fluids for special processes such as mining of sulfur by the Frasch process, solution mining of minerals, in situ combustion of fossil fuel, or recovery of geothermal energy? (FORM 4)
 Is this facility a proposed stationary source which is one of the 28 industrial categories listed in the in- structions and which will potentially emit 100 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5) 		X	42	J. Is this facility a proposed stationary source which is NOT one of the 28 industrial categories listed in the instructions and which will potentially emit 250 tons per year of any air pollutant regulated under the Clean Air Act and may affect or be located in an attainment area? (FORM 5)
III. NAME OF FACILITY				
11 VAN WALERS & RO	G I	E R	S	INC
IV. FACILITY CONTACT A. NAME & TITLE (lost, fir		202		
	1	TÍ	171	B. PHONE (area code & no.)
V. FACILITY MAILING ADDRESS	2 年		Taltage Services	3,1,2,3,9,7,2,5
A. STREET OR P.O.	вох			
3 2055 Hammond Driv	e _.			45
B. CITY OR TOWN	1.	1 1		C.STATE D. ZIP CODE
4 <u>Schaumburg</u>				IL 6 0 1 9 3
VI. FACILITY LOCATION A. STREET, ROUTE NO. OR OTHER S	PECIF	IC II	DENTIFIE	
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B. COUNTY NAME				45
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PA Form 3510-1 (6-80)		-	n	CONTINUE ON REVERSE

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VII. SIC CODES (4-digit, in order of priority)					
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VIII. OPERATOR INFORMATION	in the state of the same of the same	23 16 - 15	tion in the second second second	CAMPAGE CONTRACTOR CONTRACTOR	
	A. NAME				
	111111	1 1 1 1		-	 Is the name listed in Item VIII-A also th
8 V a.n. W.a.t.e.r.s. & R	ogers In	C		į	owner? XXIYES □ NO
15. 16.				39	AN IES LINO
F = FEDERAL M = PUBLIC (orbot the	ropriate letter into the ans	wer box; if "Other", sp	ecify.)	D. PHONE (an	s code & no.)
S = STATE O = OTHER (specify)	federal or state) D	(specify)	-5	20011	
P = PRIVATE	56		A	206 44	5 9 0 9
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X. EXISTING ENVIRONMENTAL PERMITS	THE THE PERSON NAMED IN		STATE OF THE STATE		
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MAP SEE SEE SEE SEE SEE SEE SEE SEE SEE SE			20 I	Same and the same of the same	Control of the same of the sam
Attach to this application a topographic map	of the area extending	to at least one mile	beyond property	boundaries The	
treatment, storage, or disposal facilities, and water bodies in the map area. See instructions	i cacal wen where it in:	PCTS IIIIIOS UDIGEORA	ound, include all	springs, rivers an	d other surface
XII. NATURE OF BUSINESS (provide a brief descri	otion)				Line September
As a wholesale chemical distri	hutar Van Water	oo C Doores	T'. 1: / :1		
As a wholesale chemical distri products. As such, we stock a	n average of the	rs a Rogers,	inc. distrib	outes vario	us chemical
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XIII. CERTIFICATION (see instructions)			Committee of the second second second second second second second second second second second second second se		
				R. J. Jan	
I certify under penalty of law that I have pe attachments and that, based on my inquiry application. I believe that the information is	rsonally examined and . I of those necons imp	am familiar with the	information subj	mitted in this app	olication and all
			e for obtaining th that there are sig	ne information c	ontained in the
the state of the production of	fine and imprisonment	,	mor more are 319	писані репаціе:	s ror suomitting
A. NAME & OFFICIAL TITLE (type or print)	B. SIGNAT	YRE		IC. DAT	ESIGNED
James E. Lacor Doctor-1 V.		L =	1/2:-		
James F. Lacey, Regional Vice I	resident	omes to	man	<i>[</i> -	29-87
MENTS FOR OFFICIAL USE ONLY		A. C 100	- 2 / 2 / 2	Late Substitutes	
C C					
19 10		<u> </u>	-/	<u> </u>	
PA Form 3510-1 (6-80) REVERSE					

FILE COPY

M-Kesson

April 7, 1986

Mr. David A. Stringham U.S. EPA, Region V 230 South Dearborn Street Chicago, IL 60604

RE: McKesson Chemical Facility 2055 Hammond Drive Schaumburg, H EPA I.D. #ILD000819938

Dear Mr. Stringham:

APR 11 1986

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Thank you for your letter relating to the possibility of prior or current releases of hazardous wastes or waste constituents at our facility.

Please be advised that, to the best of our knowledge, no such releases from solid waste management units have occurred at this facility. We have no reason to believe that there were any such releases prior to our ownership of this property. A list and description of the solid waste management units at our facility is set forth in our RCRA Part A application.

This response is furnished to you in accordance with our understanding of the provisions contained in Section 3004(u) of RCRA, and we trust it is adequate to respond to your information request. Please do not hesitate to contact the undersigned if you have any questions.

Very truly yours,

McKESSON CHEMICAL COMPANY

Ronald R. Powell

Regional Vice President

RRP: be

COPIES TO: T. E. Nisler

File

REGEOVED

APR 1 6 1986

U.S. EPA, REGION V

FORM U.S. E	<i>ti(inch).</i> Ny ironmental protei		Form Approved OMB No.	158-R0175	5
	GENERAL INFORM		I. EPA I.D. NUMBER		-134
	Consolidated Permits Pr the "General Instructions"	19/2/2019	F I L D 0 0 0 8	1 9 9	3 8
	8 1 9 9 3 8		GENERAL INSTR If a preprinted label has it it in the designated space.	-	
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FACILITY SCHAUMBURG,			left of the label space if that should spacer; place	ent (the ar ists the in: a provide	de to the
2055 HAMMONI SCHAUMBURG,	_		proper fill—in area(s) being complete and correct, you items i, fill, V, and VI in the correct of the correct o	need not	complete
VI. LOCATION			items if no label has been the instructions for deta tions and for the legal a	dless). Cor provided, tiled item uthorizatio	nplete all Refer to
II. POLLUTANT CHARACTERISTICS			Y milici this data is collected.		
INSTRUCTIONS: Complete A through J to determ questions, you must submit this form and the supplied the supplemental form is attached. If you answer is excluded from permit requirements; see Section C (tins whether you need to semental form listed in the "no" to each question, you of the instructions. See also,	ubmit any permit applicat parenthesis following the q	ion forms to the EPA. If you ans uestion. Mark "X" in the box in	wer "yes" the third o	
SPECIFIC QUESTIONS	YEE NO ATTACHED	SPECIFIC	QUESTIONS	YES HO	KX
A. Is this facility a publicly owned treatment with which results in a discharge to waters of the (FORM 2A)	J.S.? XX	include a concentrated	y (either existing or proposed) animal feeding operation or tion facility which results in a	X	ATTACHE
C. Is this a facility which currently results in discrit to waters of the U.S. other than those describe A or 5 above? (FORM 2C)	rges XX	D. Is this a proposed facil	ity (other than those described the will result in a discharge to	19 28	71
E. Does or will this facility treet, store, or dispos hezardous wester? (FORM 3)	æ of XX	F. Do you or will you inj municipal effluent belo taining, within one of	ect at this facility industrial or ow the lowermost stratum con- uarter mile of the well bore	25 28 X	27
G. Do you or will you inject at this facility any produ water or other fluids which are brought to the sur			drinking water? (FORM 4) act at this facility fluids for spe-	31 32	72
in connection with conventional oil or natural gas duction, inject fluids used for enhanced recover oil or natural gas, or inject fluids for storage of li- hydrocarbons? (FORM 4)	pro- y of quid XX	processes such as process, solution minir	mining of sulfur by the Frasching of minerals, in situ compus- acovery of geothermal energy?	X	
I. Is this facility a proposed stationery source while one of the 28 industrial categories listed in the structions and which will potentially emit 100 per year of any air pollutant regulated under Cleen Air Act and may affect or be located in	tons	J. Is this facility a propo NOT one of the 28 in instructions and which per year of any air polls	sed stationary source which is dustrial categories listed in the will potentially emit 250 tons stant regulated under the Clean	27 18	36-
			or be located in an attainment	l X	
attainment area? (FORM 5)	40 44 45	8790 / (FORM 5)			- 45
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VII. SIC CODES (4-digit, in order of priority)	the state of the place with the property of the period of the contract of the
A. FIRST	B. SECOND
7 5 1 6 1 Wholesale Chemical Distributor	7 (specify)
C. THIRD	18.114 - 19
(specify)	D. FOURTH
7	7
III. OPERATOR INFORMATION	
A. NAME	
	Item VIII-A also t
BVAN WATERS & ROGERS,	I N C.
C. STATUS OF OPERATOR (Enter the appropriate letter into the a	30 If
F = FEDERAL M = PUBLIC (other than Cederal or man)	answer box; if "Other", specify.) D. PHONE (area code & no.)
P = PRIVATE U = OTHER (specify)	A 2 0 6 4 4 7 5 9 0 9
E. STREET OR P.O. BOX	15 10 - 10 10 - 31 12 - 18
600 NORTON BUILDING	
600 NORTON BUILDING	
F. CITY OR TOWN	G.STATE H. ZIF CODE IX, INDIAN LAND
SEATTLE	Is the facility located on indian lands?
SEATTLE	WA 9 8 1 0 4 TYES XX NO
EXISTING ENVIRONMENTAL PERMITS	48 44 AR 67 - St
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	ssions from Proposed Sources
N 9 P	·
UIC (Underground Injection of Fluids) E. OT	THER (specify)
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9 9	100
G. RCRA (Hasardous Wastes) E. O.	THE# (specify)
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10 17 10 20 15 10 17 10	30
the outline of the facility, the location of each of in anising a	ing to at least one mile beyond property bounderies. The map must show
a seasure in the second of the mathematic interitings, that the little Mail Milliam II.	and proposed intake and discharge structures, each of its hazardous waste. I injects fluids underground: Include all springs, rivers and other surface
water bodies in the map area. See instructions for precise requiren	ments.
(II. NATURE OF BUSINESS (provide a brief description)	March 48 a few all though them a restable of the service
As a wholesale chemical distributor, Van W	waters & Rogers, Inc. distributes various chemical
products. As such, we stock an average of	t buu packaged chemicals at this location at any
one time. The product list will vary from	n time to time.
(III. CERTIFICATION (see instructions)	The Salar Sa
I cartify under penalty of law that I have personally examined as	and am familian wish sha lada
false information, including the possibility of fine and imprisonme NAME & OFFICIAL TITLE (type or print) 8. SIGN	nent.
B. SIGN	NATURE C. DATE SIGNED
James W Rernard Vice President	111 (522 naid)
James W. Bernard, Vice President	October 31, 1986
OMMENTS FOR OFFICIAL USE ONLY	こういっちょうしょう というこう かんかいとうしょ こくかいかんかんかん はいかかいかん
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A Form 3510-1 (6-80) REVERSE	

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	Consolidated Permits		FILD000819938
FOR OFFICIAL USE ONLY	(This information is required under S		
APPLICATION DATE RECEIVED		COMMENTS	A Company of the Comp
APPROVED (yr. mo. & day)		COMMENTS	
23 20 20			
II. FIRST OR REVISED APPLIC			معيل ودر الهديه المناه
EPA I.D. Number in Item I above.	A SPORCETION AND ADD SILESTON KNOW ADDI	r facility's EPA 1.D. Number, or	application you are submitting for your facility or a if this is a revised application, enter your facility's
A. FIRST APPLICATION (place)	an "X" below and provide the appropriate instructions for definition of "existing	te date)	
⁷¹	ompiete item below.)		2.NEW FACILITY (Complete item below.) FOR NEW FACILITIES.
8 (use th	EXISTING FACILITIES, PROVIDE THE ATION BEGAN OR THE DATE CONST ie boxes to the left)	RUCTION COMMENCED	YR. MO. DAY (Yr. Mo. & day) OPERA- TION SEGAN OR IS EXPECTED TO BEGIN
B. REVISED APPLICATION (P)	oce an "X" below and complete Item I as	bove)	173 74 177 76 177 78
TY PROCESSES CORES AND			2. FACILITY HAS A RCRA PERMIT
III. PROCESSES - CODES AND			
describe the process (including its and approximately appr	design capacity) in the space provided on For each code entered in column A enter	in the form //tern //I-C), or the capacity of the process, or the capacity from the line of units	be used at the facility. Ten lines are provided for that is not included in the list of codes below, then measure codes below that describes the unit of
	RO- APPROPRIATE UNITS OF		PRO- APPROPRIATE UNITS OF
	CESS MEASURE FOR PROCESS ODE DESIGN CAPACITY	PROCESS	CESS MEASURE FOR PROCESS CODE DESIGN CAPACITY
Storage: CONTAINER (barrel, drum, etc.)		Treetment:	
TANK	501 GALLONS OR LITERS 502 GALLONS OR LITERS 503 CUBIC YARDS OR	TANK SURFACE IMPOUNDMENT	T01 GALLONS PER DAY OR LITERS PER DAY
SURPACE IMPOUNDMENT	CUBIC METERS 504 GALLONS OR LITERS	INCINERATOR	T T02 GALLONS PER DAY OR LITERS PER DAY T03 TONS PER HOUR OR
Disposal:			METRIC TONS PER HOUR: GALLONS PER HOUR OR
	D79 GALLONS OR LITERS		
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III. PROCESSES (continued)	A CONTRACTOR SERVICE		4.	1 1/2 6 1/2.5
C. SPACE FOR ADDITIONAL PROCESS CODES O INCLUDE DESIGN CAPACITY.	R FOR DESCRIBING OTHER	I PROCESSES (cade "7	'04''). FOR EACH PROCES	S ENTERED HERE
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IV. DESCRIPTION OF HAZARDOUS WASTE A. EPA HAZARDOUS WASTE NUMBER — Enter handle hazardous wastes which are not listed in a tics and/or the toxic contaminants of those hazard	the four-digit number from 40 CFR, Subpart D, enter the	40 CER, Support O tot	PACE LISTER BAZZERIOUS WEST	you will handle, if you describes the characteris-
 ESTIMATED ANNUAL QUANTITY — For each basis. For each characteristic or toxic contaminant, which possess that characteristic or contaminant. 	listed waste entered in column a estimat	on A estimate the quant the total annual quant	tity of that waste that will it tity of all the non—listed was	se handled on an annual ta/s/ that will be handled
C. UNIT OF MEASURE — For each quantity enten codes are:	ed in column B enter the unit	of measure code, Unit	s of measure which must be	used and the appropriate
ENGLISH UNIT OF MEASURE POUNDS			F MEASURE	
If facility records use any other unit of measure account the appropriate density or specific gravity	for quantity, the units of mea of the waste.	sure must be converted	into one of the required uni	ts of meesure taking into
D. PROCESSES 1. PROCESS CODES: For listed hexardous wasts: For each listed he to indicate how the wasts will be stored, treate For non-listed hexardous wasts: For each contained in Item III to indicate all the process that characteristic or toxic containingst.	d, and/or disposed of at the fe haracteristic or toxic contami	cility. nant entered in column	2 A select the ende/el from	the list of owner ander
Note: Four spaces are provided for entering extreme right box of Item (V-D(1); and (3) Entering	ter in the space provided on pa	ge 4, the line number a	nd the additional code(s).	
2. PROCESS DESCRIPTION: If a code is not list			• •	
NOTE: MAZARDOUS WASTES DESCRIBED BY A more than one EPA Hazardous Waste Number shall be 1. Select one of the EPA Hazardous Waste Numb	described on the form as folio	overs :		•
quantity of the waste and describing all the pro 2. In column A of the next line enter the other "included with above" and make no other entri 3. Repeat step 2 for each other EPA Hazardous W	cesses to be used to treet, stor EPA Hazardous Waste Numberies on that line.	e, and/or dispose of the or that can be used to d	waste. describe the waste. In colum	
EXAMPLE FOR COMPLETING ITEM IV (shown in per year of chrome shavings from leather tenning and tre corrosive only and there will be an estimated 20 100 pounds per year of that waste. Treatment will be	d finishing operation, in additi Dipounds per year of each wa	on, the facility will trea	it and dispose of three con_I	itted warder Two warter
A EPA	C. UNIT		PROCESSES	
HAZARD. B. ESTIMATED ANNUAL O WASTENO QUANTITY OF WASTE		SS CODES ter)	2. PROCESS DE (if a code is not er	SCRIPTION stered in D(1))

fst	l.	A. EP		P	_			C. UNIT		L	D. PROCESSES											
W HAZARD.		101	QUANTITY OF WASTE		SURE (enter code)		1. PROCESS CODES (enter)							00	ES			2. PROCESS DESCRIPTION (if a code is not entered in D(1))				
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Continued from page 2. NOTE: Photocopy this page before completing if you have more than 26 westes to list. Form Approved OMB No. 158-S80004 EPA I.D. NUMBER (enter from page 1) FOR OFFICIAL USE ONLY 8 WIL D 0 0 0 8 1 9 9 3 W DUP DUP IV. DESCRIPTION OF HAZARDOUS WASTES (continued) C. UNIT OF MEA-SURE (enter code) A. EPA HAZARD. ZÓ WASTENO: JZ (enter code) D. PROCESSES B. ESTIMATED ANNUAL QUANTITY OF WASTE 1. PROCESS CODES (enter) 2. PROCESS DESCRIPTION (If a code is not entered in D(1)) 29 27 P S 0 1 F 0 0 1 55,000 2 F 0 0 2 Р S 0 1 55,000 3 F 0 0 Р 3 250,000 S 0 1 4 F 0 0 5 Р S 0 1 10,000 5 D 0 0 1 P S 0 1 50,000 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24

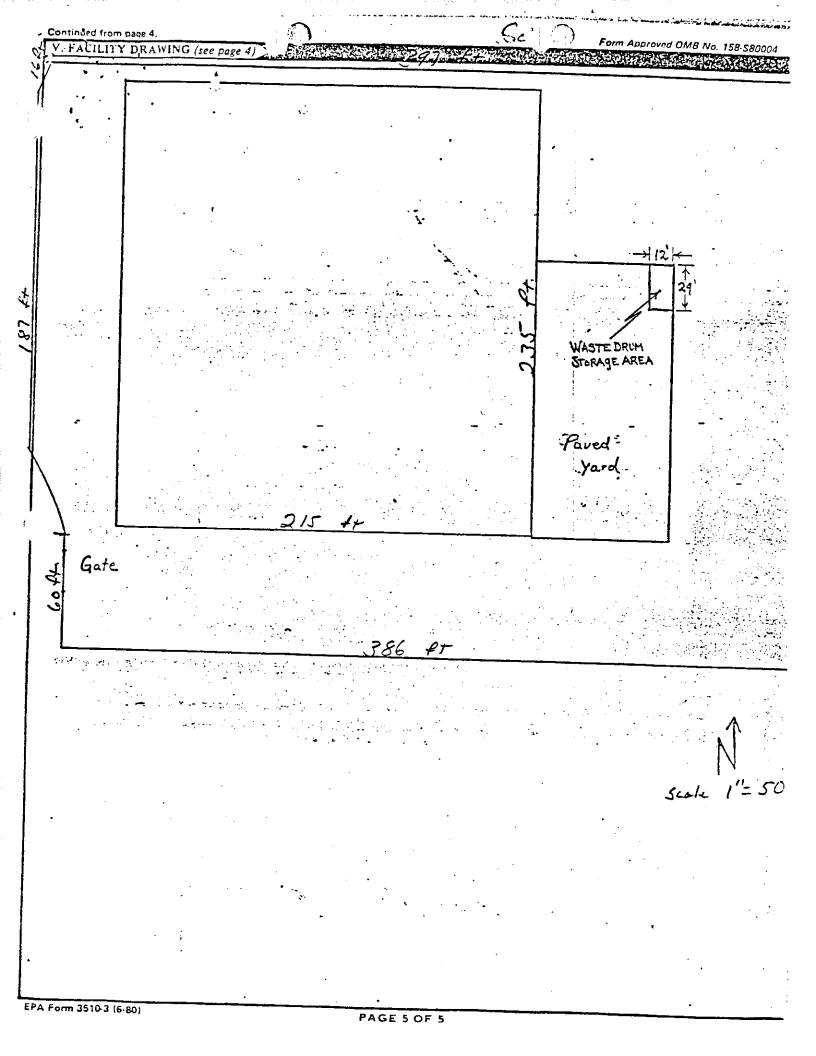
EPA Form 3510-3 (6-80)

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IV. DESCRIPTION OF HAZARDOUS WASTES (contin	augd)		
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V FACULTY DRAWING			
V. FACILITY DRAWING All existing facilities must include in the space provided on page			23.5.
VI. PHOTOGRAPHS		ons for more detain.	
All existing facilities must include photographs (aerial o			-12.2
atment and disposal areas; and sites of future storage	treatment or disposal areas (see instruct	tions for more detail).	
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VIII. FACILITY OWNER	772	0 8 8 0 2 1 8 3	J -44
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PAGE 4 OF 5

CONTINUE ON PAGE 5



The materials received and stored consist of the following materials.

	Density Lb/Cubic Feet	Va;	por Pressure 70°F, PSIA
ALCOHOLS			
Methyl Alcohol	79.4		1.86
Ethyl Alcohol	49.3		0.67
n-Propyl Alcohol	50.2		0.35
Isopropyl Alcohol	49.0		0.72
n-Butyl Alcohol	50.5		0.11
sec-Butyl Alcohol	50.3		0.31
tert-Butyl Alcohol	49.1		0.19
Isobutyl Alcohol	50.0		0.21
ESTERS			•
Methyl Acetate	58.3		3.98
Ethyl Acetate	56.2		1.59
n-Propyl Acetate	62.3		0.66
Isopropyl Acetate	54.6		1.12
n-Butyl Acetate	55.0		0.27
GLYCOLS	·		
Propylene Glycol	6 4.6	_	0.01
Hexylene Glycol	57.4	7	0.01
Ethylene Glycol	69.4	7	0.01
Dipropylene Glycol	63.7	7	0.01
Diethylene Glycol	69.6	7	0.01
Triethylene Glycol	70.0	7	0.01

APPENDIX A Page 2

•	Density Lb/Cubic Feet	Var	oor Pressure 70°F, PSIA
GLYCOL ETHERS			
Ethylene - Glycol Methyl Ether	60.1		0.12
Ethylene - Glycol Ethyl Ether	57.9		0.07
Ethylene - Glycol Butyl Ether	56.2		0.01
Diethylene Glycol Ethyl Ether	64.0	<u>/</u>	0.01
Diethylene Glycol Methyl Ether	63.7	<u>/</u>	0.01
Diethylene Glycol Butyl Ether	59.4	1	0.01
~			
GLYCOL ETHER ESTERS			
Ethylene Glycol Methyl Ether Acetate	62.6		0.04
Ethylene Glycol			
Ethyl Ether Acetate	60.7		0.04
Ethylene Glycol Butyl Ether Acetate	58.6	7	0.01

APPENDIX B

WASTE STREAMS

Category	Organic Solvents Included in this Group
F003	Normal Butyl Alcohol Ethyl Acetate Ethyl Ether Methyl Alcohol
F005	Isobutyl Alcohol
D001	Organic liquids having flashpoints less

GENERIC WASTE STREAMS

- 1. Spent glycols (D001) including propylene glycol, hexylene glycol, ethylene glycol, dipropylene glycol, diethylene glycol, and triethylene glycol.
- 2. Spent alcohols (F003)(D001) including methanol, ethanol, propanol, isopropyl alcohol, butanol, sec-butyl alcohol, tert-butyl alcohol, and isobutyl alcohol.
- 3. Spent ethers (D001) including ethylene glycol methyl ether, ethylene glycol ethyl ether, ethylene glycol butyl ether, diethylene glycol methyl ether, diethylene glycol butyl ether, diethylene glycol butyl ether, and tetrahydrofuran.
- 4. Spent esters (F003)(D001) including dimethyl formamide, methyl acetate, ethyl acetate, propyl acetate, isopropyl acetate, butyl acetate, sec-butyl acetate, isobutyl acetate, isobutyl isobutyrate, ethylene glycol methyl ether acetate, ethylene glycol butyl ether acetate, ethylene glycol ethyl ether acetate, diethylene glycol ethyl ether acetate.

ADDITIONAL INFORMATION ABOUT THE WASTE STREAMS

Component/Contaminate Name	Range (% Volume)
Water	0-60%
Oils	0-25%
Paint Pigments	0-35%
Resins	0-25%
Urethane Polymers	0-20%
Adhesives	0-20%
Varnish	0-30%
Salts	0-10%

These components/contaminates would have been dissolved or suspended into the solvents as the solvents were used in thin normal industrial applications (cleaning solvents, degreasing solvents, separation solvents, paint solvents, paint thinners, etc.).

CERTIFIED MAIL #P012382614 RETURN RECEIPT REQUESTED

M-Kesson

December 12, 1985

RECEIVED

R. L.

DEC 1 9 1985

DEC 17 1985

U. S. EPA, Region V 230 South Dearborn Chicago, IL 60604 SOLID WASTE BRANCH U.S. EPA, REGION V OFFICE OF REGIC.

Gentlemen:

1LD000819938 G.TR TSD, PA

Attached for your records are revised General Information Form, revised page 1 of 5 Hazardous Waste Permit Application, and revised page 3 of 5 Hazardous Waste Permit Application.

A copy has also been provided to Illinois EPA.

Sincerely,

McKESSON CHEMICAL COMPANY

Robert D. Hickman

Regional Field Compliance Specialist

RDH: be

Attachment

O. WIMD

CC: RF (CERT-FROUTINE)

REGEOVED

DEC 1 8 1985

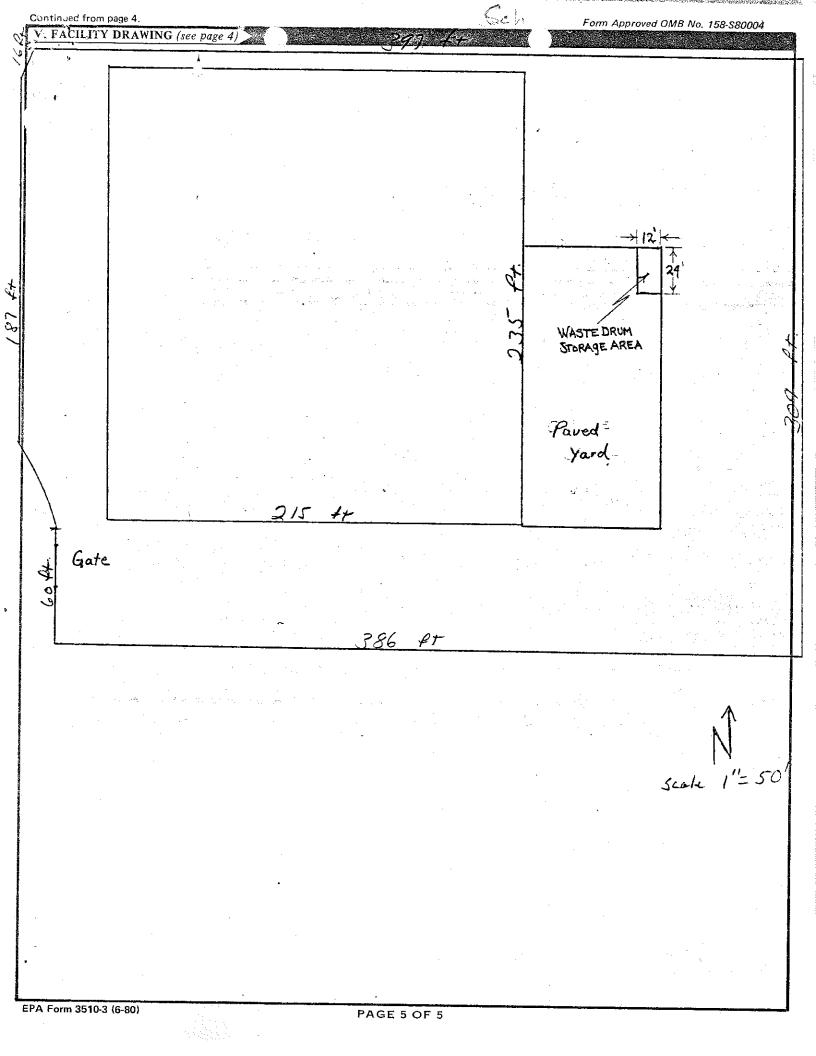
SOLID WASTE BRANCH U.S. EPA, REGION V

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G. Do you or will you inject at th	is facility any produced	-3-	29	36-			***************************************		.15.	32.	33-
in connection with convention	al oil or natural gas pro-	7.	77	1 4 Dg.	cial pr	ocesses such as	mining of sulfur by	the Frasch	:::	77	
oil or natural gas, or inject flui					tion of	f fossil fuei, or	recovery of geother	mai energy?		Λ	
I. Is this facility a proposed stat	tionary source which is	34.	36	34	J. Is this	facility a prop	osed stationary sou	rce which is	37	34	70
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VIII. OPERATOR INFORMATION		stadion of the contract of the state of
	A. NAME	B. Is the name listed item VIII-A also to
	PLACE LABEL IN THIS SPACE	SEAS IS Owner?
8 M.c.K.e.s.s.o.n. C.o.r.p.o.r.a	tion	YES ONO
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F = FEDERAL M = PUBLIC (other than federal S = STATE O = OTHER (specify)		ecify.) D. PHONE (area code & no.)
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	. PSD (Air Emissions from Proposed Sour	ces)
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XI. MAP	NEAD OF THE STATE OF	
Attach to this application a topographic map of th	e area extending to at least one mile	beyond property boundaries. The man must show
the outline of the facility, the location of each of	its existing and proposed intake and	d discharge structures each of its hazardays waste
treatment, storage, or disposal facilities, and each water bodies in the map area. See instructions for p	well where it injects fluids undergro	ound. Include all springs, rivers and other surface
	The second secon	Thing better as a property of the serve me
XII. NATURE OF BUSINESS (provide a brief description)		^我 可以是我们的,我们就是一个人的。
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McKesson Chemical Company is a na		
		may include occasionally picking
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drummed materials in order to acc	umulate full truckloads.	
		A PARTY OF THE ACTION OF THE PARTY OF
17 Page 1		
XIII. CERTIFICATION (see instructions)	AND THE RESIDENCE OF THE PARTY	
I certify under penalty of law that I have personal	ly examined and an familiar with the	
actacimitents and unat, based on my inquiry of the	TOSE Dersons immediately resonnsibi	le for obtaining the information contained in the
application, I believe that the information is true.	accurate and complete I am aware	that there are significant penalties for submitting
raise information, including the possibility of fine a	and imprisonment.	/ Substituting
A. NAME & OFFICIAL TITLE (type or print)	B. SIGNATURE	C. DATE SIGNED
Ronald R. Powell	MXI	
Regional Vice President	mak / Wo	126-85
COMMENTS FOR OFFICIAL USE ONLY		
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PA Form 3510-1 (6-80) PEVEDSE		35 (

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P. FACILITY \ \ \ \ \	55 HAMMOND DRI HAUMBURG	VE		IL 60193	must be completed regardl items if no label has been	provide	d. Refei	r to
VI. LOCATION SUI	HAUMDUKG			IL BUISS	the instructions for detai tions and for the legal au which this data is collected,			
					Willer this date a contexted,			
II. POLLUTANT CHARACTERISTICS INSTRUCTIONS: Complete A through	unh I to determine who	ether you	need to	submit any permit applica	ation forms to the EPA. If you answ	ver "ye:	s" to an	γ
executions were must submit this form	n and the sunnlemental	form list	ed in the	parenthesis following the	question. Mark "X" in the box in 1	ne thire	a colum	ın ş
if the supplemental form is attached, is excluded from permit requirements	, it you answer no to ;; see Section C of the it	o each qu istruction:	estion, ye s. See also	, Section D of the instruc	tions for definitions of bold—faced	terms.		
SPECIFIC QUESTIO	we	MARK			IC QUESTIONS	М	ARK X	ORM ACHED
A. Is this facility a publicly owner			TACHED		lity (either existing or proposed)	James Nagorial Trees		
which results in a discharge to (FORM 2A)		X		equatic enimal produ	ted animal feeding operation or uction facility which results in a fithe U.S.? (FORM 2B)		Х	
C. Is this a facility which currently	results in discharges	16 17	e originalistes.	D. Is this a proposed fa	cility (other than those described	19		21
to waters of the U.S. other that A or B above? (FORM 2C)	n those described in	22 23	24	waters of the U.S.? (I		29:	X 26	27
E. Does or will this facility Xireat,	store, şırxdişpoşsexdi			municipal effluent b	inject at this facility industrial or elow the lowermost stratum con-			
Macardous Wastes & (FORM 3)		X 28 29	30		quarter mile of the well bore, of drinking water? (FORM 4)	88	X J	33
G. Do you or will you inject at this water or other fluids which are b	facility any produced prought to the surface			H. Do you or will you	inject at this facility fluids for spe- as mining of sulfur by the Frasch			
in connection with conventional duction inject fluids used for e	oil or natural gas pro- inhanced recovery of	X		process, solution mi	ining of minerals, in situ combus- or recovery of geothermal energy?		X .	
oil or natural gas_or inject fluids hydrocarbons? (FORM 4)	s for storage of liquid	34 35	36	(FORM 4)		37	38.	39
 Is this facility a proposed station one of the 28 industrial category 	ories listed in the in-			NOT one of the 28	oposed stationary source which is industrial categories listed in the			
structions and which will poter per year of any air pollutant	regulated under the	X		per year of any air p	ich will potentially emit 250 tons ollutant regulated under the Clean		X	•
Clean Air Act and may affect attainment area? (FORM 5)	or be located in an	40 41	42	area? (FORM 5)	fect or be located in an attainment	43	44	45
III. NAME OF FACILITY				• • • •		1		
1 SKIP M. C. K. E. S. S. O. N.	.C.H.E.M.I.C.	A.L.	.C.O.M	, P. A. N. Y		69		
IV. FACILITY CONTACT					B. PHONE (area code & no.)	ale e		
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EPA Form 3510-3 (6-80)

M. A. Minor

A. NAME (print or type)

Regional Vice President

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PAGE 4 OF 5

B. SIGNATURE

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C. DATE SIGNED

I. EPA I.D. NUMBER

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NJECTION WELL LANDFILL		r (the volume that one acre to a e foot) OR	OTHER (Use for physical, thermal or biological treats processes not occurring in surface impoundments or i	chemical, TO4 G nent tanks,	Gallons per day or Liters per day	
LAND APPLICATION OCEAN DISPOSAL	D81 ACRESOR	HECTARES PER DAY OR	ators. Describe the process the space provided; Item I	ses in		
SURFACE IMPOUNDMENT	LITERS PE D83 GALLONS	R DAY	•		Francisco (Maria Peres) Barriero Barriero (Maria Peres)	
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GALLONS		LITERS PER DAY.				
CUBIC YARDS	<u>L</u>	TONS PER HOUR . METRIC TONS PER			ETERF	
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EXAMPLE FOR COMPLETING IT other can hold 400 gallons. The fac				torage tanks, one tai	nk can hold 200 gallons and t	he
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IV. DESCRIPTION OF HAZARDOUS WASTES

- A. EPA HAZARDOUS WASTE NUMBER Enter the four-digit number from 40 CFR, Subpart D for each listed hazardous waste you will handle. If you handle hazardous wastes which are not listed in 40 CFR, Subpart D, enter the four-digit number(s) from 40 CFR, Subpart C that describes the characteristics and/or the toxic contaminants of those hazardous wastes.
- B. ESTIMATED ANNUAL QUANTITY For each listed waste entered in column A estimate the quantity of that waste that will be handled on an annual basis. For each characteristic or toxic contaminant entered in column A estimate the total annual quentity of all the non-listed waste(s) that will be handled which possess that characteristic or contaminant,
- C. UNIT OF MEASURE For each quantity entered in column B enter the unit of measure code. Units of measure which must be used and the appropriate codes are:

ENGLISH UNIT OF MEASURE CODE	 METRIC UNIT OF MEASURE CODE
POUNDSP	 KILOGRAMSK
TONS	METRIC TONS

If facility records use any other unit of measure for quantity, the units of measure must be converted into one of the required units of measure taking into account the appropriate density or specific gravity of the waste.

D. PROCESSES

- 1. PROCESS CODES:
 - For listed hazardous waste: For each listed hazardous waste entered in column A select the code(s) from the list of process codes contained in Item III.
 - to indicate how the waste will be stored, treated, and/or disposed of at the facility.

 For non-listed hazardous wastes: For each characteristic or toxic contaminant entered in column A, select the code(s) from the list of process codes contained in Item III to indicate all the processes that will be used to store, treat, and/or dispose of all the non-listed hazardous wastes that possess that characteristic or toxic contaminant.
 - Note: Four spaces are provided for entering process codes. If more are needed: (1) Enter the first three as described above; (2) Enter "000" in the extreme right box of Item IV-D(1); and (3) Enter in the space provided on page 4, the line number and the additional code(s).
- 2. PROCESS DESCRIPTION: If a code is not listed for a process that will be used, describe the process in the space provided on the form.

NOTE: HAZARDOUS WASTES DESCRIBED BY MORE THAN ONE EPA HAZARDOUS WASTE NUMBER - Hazardous wastes that can be described by more than one EPA Hazardous Waste Number shall be described on the form as follows:

- 1. Select one of the EPA Hazardous Waste Numbers and enter it in column A. On the same line complete columns B.C, and D by estimating the total annual quantity of the waste and describing all the processes to be used to treat, store, and/or dispose of the waste.
- In column A of the next line enter the other EPA Hazardous Waste Number that can be used to describe the waste. In column D(2) on that line enter "included with above" and make no other entries on that line.
- 3. Repeat step 2 for each other EPA Hazardous Waste Number that can be used to describe the hazardous waste.

EXAMPLE FOR COMPLETING ITEM IV (shown in line numbers X-1, X-2, X-3, and X-4 below) - A facility will treat and dispose of an estimated 900 pounds per year of chrome shavings from leather tanning and finishing operation. In addition, the facility will treat and dispose of three non-listed wastes. Two wastes are corrosive only and there will be an estimated 200 pounds per year of each waste. The other waste is corrosive and ignitable and there will be an estimated 100 pounds per year of that waste. Treatment will be in an incinerator and disposal will be in a landfill,

A. EPA		C. UNIT	D. PROCESSES						
M. HAZARD. B. ESTIMATED ANNUAL QUANTITY OF WASTE		SURE (enter code)		2. PROCESS DESCRIPTION (if a code is not entered in D(1))					
X-1 K 0 5 4	900	P	T 0 3 D 8 0						
X-2 D 0 0 2	400	P	T 0 3 D 8 0	- I					
X-3 D 0 0 1	100	P	T 0 3 D 8 0						
X-4 0 0 0 2		as property to any or a way of the	included with	above .					

Mary A. Gade, Director 217/524-3300

2200 Churchill Road, Springfield, IL 62794-9276

A.4.1.

May 11, 1993

Van Waters and Rogers, Inc. Attn: James Hooper 600 Hunter Drive Oak Brook, Illinois 60521-1926

Re: 0314890001 -- Cook County
Van Waters and Rogers, Inc.
ILD000819938
Log No. C-703
Received: August 14, 1992
RCRA - Closure

Dear Mr. Hooper:

The closure plan submitted by Van Waters and Rogers, Inc. for the facility located at 2055 Hammond Drive in Schaumburg has been reviewed by this Agency. Your final closure plan to close the drum storage area (SO1) is hereby approved subject to the following conditions.

Closure activities must be completed by November 15, 1994. When closure
is complete the owner or operator must submit to the Agency certification
both by the owner or operator and by an independent registered
professional engineer that the facility has been closed in accordance with
the specifications in the approved closure plan. This certification must
be received at this Agency within sixty (60) days after closure, or by
January 15, 1994.

The attached closure certification form must be used. Signatures must meet the requirements of 35 Ill. Adm. Code Section 702.126. The independent engineer should be present at all critical, major points (activities) during the closure. These might include soil sampling, soil removal, backfilling, final cover placement, etc. The frequency of inspections by the independent engineer must be sufficient to determine the adequacy of each critical activity. Financial assurance must be maintained for the units approved for closure herein until the Agency approves the facility's closure certification.

The Illinois Professional Engineering Act (III. Rev. Stat., Ch. 111, par. 5101 et. seq.) requires that any person who practices professional engineering in the State of Illinois or implies that he (she) is a professional engineer must be registered under the Illinois Professional Engineering Act (par. 5101, Sec. 1). Therefore, any certification or engineering services which are performed for a closure plan in the State of Illinois must be done by an Illinois P.E.

Plans and specifications, designs, drawings, reports, and other documents rendered as professional engineering services, and revisions of the above must be sealed and signed by a professional engineer in accordance with par. 5119, sec. 13.1 of the Illinois Professional Engineering Act.

As part of the closure certification, to document the closure activities at your facility, a Closure Documentation Report which must be submitted which includes the following:

- a. The volume of waste and waste residue removed. The term waste includes wastes resulting from decontamination activities.
- b. A description of the method of waste handling and transport.
- c. The waste manifest numbers.
- d. Copies of the waste manifests.
- e. A description of the sampling and analytical methods used including sample preservation methods and chain-of-custody information.
- f. A chronological summary of closure activities and the cost involved.
- g. Color photo documentation of closure. Document conditions before, during and after closure.
- h. Tests performed, methods and results.

The original and two (2) copies of all certifications, logs, or reports which are required to be submitted to the Agency by the facility should be mailed to the following address:

Illinois Environmental Protection Agency Bureau of Land -- #33 Permit Section 2200 Churchill Road Post Office Box 19276 Springfield, Illinois 62794-9276

- 2. If the Agency determines that implementation of this closure plan fails to satisfy the requirements of 35 Ill. Adm. Code, Section 725.211, the Agency reserves the right to amend the closure plan. Revisions of closure plans are subject to the appeal provisions of Section 40 of the Illinois Environmental Protection Act.
- 3. If contamination is detected, the Agency must be notified in writing within fifteen (15) days. A revised closure plan addressing remediation of the contamination detected must be submitted within timeframes established by the Agency.

- 4. A request for release of financial assurance documents should be included with the closure certification documents.
- 5. Under the provisions of 29 CFR 1910 (51 FR 15,654, December 19, 1986), cleanup operations must meet the applicable requirements of OSHA's Hazardous Waste Operations and Emergency Response standard. These requirements include hazard communication, medical surveillance, health and safety programs, air monitoring, decontamination and training. General site workers engaged in activities that expose or potentially expose them to hazardous substances must receive a minimum of 40 hours of safety and health training off site plus a minimum of three days of actual field experience under the direct supervision of a trained experienced supervisor. Managers and supervisors at the cleanup site must have at least an additional eight hours of specialized training on managing hazardous waste operations.
- 6. The drum storage floor must be steam cleaned and triple rinsed. All wash and rinse water shall be collected. If the wash or rinse water samples exhibit a characteristic of hazardous waste then that material must be managed as a hazardous waste. In any event the material must be managed as a special waste.
- 7. In order to determine the extent of contamination the soil sampling plan shall be modified as follows:
 - A. The locations of the soil samples collected shall be modified as follows:
 - a. All soil borings shall be performed as close to the concrete pad as possible, but no more than one (1) foot from the edge of the concrete pad.
 - b. One (1) soil boring shall be obtained from each side of the concrete pad. Each soil boring shall be located at the midpoint of each side.
 - c. The depths of each crack in the concrete pad must be determined and documented. The procedures followed to determine the depth of each crack must be described. If a crack penetrates the full depth of the concrete pad, a soil boring shall be taken in that crack. If more than one crack penetrates the full depth of the concrete pad, two soil borings shall be taken in any two cracks which penetrate the full depth of the concrete pad.
 - d. Soil samples from the borings on each side of the concrete pad shall be taken at depths of six (6) to twelve (12) inches and thirty (30) to thirty-six (36) inches.
 - e. Soil samples from the borings in the concrete pad shall be collected one (1) foot beneath the concrete pad.

- B. All soil samples collected from the above specified locations shall be analyzed for the following parameters.
 - Volatile Organics (Method 8240)Semi-Volatile Organics (Method 8270)

All soil samples shall be analyzed individually (i.e., no compositing). Analytical procedures shall be conducted in accordance with Test Methods for Evaluating Solid Wastes, Third Edition (SW-846) and Attachment 7 to this Agency's closure plan instruction package. When a SW-846 (Third Edition) analytical method is specified, all the chemicals listed in the Quantitation Limits Table for that method shall be reported unless specifically exempted in writing by the Agency. When visually discolored or contaminated material exists within an area to be sampled, horizontal placement of sampling locations shall be adjusted to include such visually discolored. and/or contaminated areas. Sample size per interval shall be minimized to prevent dilution of any contamination. Apparent visually contaminated material within a sampling interval shall be included in the sample portion of the interval to be analyzed. To demonstrate a parameter is not present in a sample, analysis results must show a detection limit at least as low as the PQL for that parameter in the third edition of SW-846. For inorganic parameters, the detection limit must be at least as low as the RCRA Groundwater Detection Limits, as referenced in SW-846 (Third Edition) Volume 1A, pages TWO-29 and TWO-30, Table 2-15. If possible, your sampling program should be extensive enough to determine the lateral and vertical extent of contamination to the detection limit (PQLs) referenced above.

- 8. The cleanup objectives proposed in the closure plan submittal are not approved. The Agency will establish cleanup objectives to be used to determine if "clean" closure (closure by removal) has been achieved upon receipt and review of the sampling and analytical results required in the approved closure plan. These sampling and analytical results along with a proposal for site specific cleanup objectives (if you wish to propose them) must be submitted to this Agency by July 15, 1993. Along with the analytical results submit the following:
 - . The test methods used and detection limits achieved.

. The depth and interval of samples taken.

. A description of how the samples were obtained.

- A <u>scale</u> drawing showing the location of the units, their associated piping and equipment, and the location of the samples obtained. This must include at least three (3) cross sections of the excavations.
- 9. If clean closure cannot be achieved pursuant to 35 IAC 725.297(a) then a modified closure plan and a post-closure plan prepared pursuant to 35 IAC Section 725.297(b) must be submitted to the Agency for review and approval within 60 days of such a determination.

10. The following information must be provided by July 15, 1993:

A clear statement of the status of the facility following closure. I Indicate which of the following categories describes the intended use of the facility:

- a. No treatment, storage or disposal will occur at this facility.
- b. Disposal will continue at this facility.
- c. This facility will continue to treat hazardous wastes.
- d. Less than 1,000 kg/month will be generated, and storage will be for less than 90 days.
- e. The facility will generate and store more than 1,000 kg/month for less than 90 days.
- f. The facility will generate and store more than 1,000 kg/month for more than 90 days.
- g. The facility will generate and store more than 100 kg/month, but less than 1,000 kg/month for less than 180 days (270 days if applicable).
- h. The facility will be exempt from treatment, storage and disposal (TSD) regulation under RCRA.
- i. The facility will be a transporter of hazardous waste.
- j. This facility is prohibited from beginning closure until this information is received and approved by the Agency.
- 11. 35 IAC 721.131 F001 through F005 wastes must be disposed in accordance with 35 IAC Part 728.
- 12. To avoid creating another regulated storage unit during closure, it is recommended that you obtain any necessary permits for waste disposal prior to initiating excavation activities. If it is necessary to store excavated hazardous waste on-site prior to off-site disposal, do so only in containers or tanks for less than ninety (90) days. Do not create regulated waste pile units by storing the excavated hazardous waste in piles. The ninety (90) day accumulation time exemption (35 IAC 722.134) only applies to containers and tanks.
- 13. Please be advised that the requirements of the Responsible Property Transfer Act (Public Act 85-1228) may apply to your facility due to the management of RCRA hazardous waste. In addition, please be advised that if you store or treat on-site generated hazardous waste in containers or tanks pursuant to 35 IAC 722.134, those units are subject to the closure requirements identified in 35 IAC 722.134(a)(1).

14. All hazardous wastes that result from this project are subject to annual reporting as required in 35 IAC 722.141 and shall be reported to the Agency by March 1 of the following year for wastes treated and left on-site or shipped off-site for storage, treatment and/or disposal during any calendar year. Additional information and appropriate report forms may be obtained from the Agency by contacting:

Facility Reporting Unit
Bureau of Land
Illinois Environmental Protection Agency
2200 Churchill Road
P.O. Box 19276
Springfield, Illinois 62794-9276

Should you have any questions regarding this matter, please contact Ron Harmon at 217/524-3300.

Very truly yours,

Lawrence W. Eastep, P.E., Manager

Permit Section

Division of Land Pollution Control

Bureau of Land

LWE:RAH:sf/384Y,63-68

Attachment

cc: USEPA Region V -- George Hamper

ATTACHMENT

This statement is to be completed by both the responsible officer and by the registered professional engineer upon completion of closure. Submit one copy of the certification with original signatures and three additional copies.

Closure Certification Statement

Closure Log C-703

The hazardous waste management SO2 units at the facility described in this document have been closed in accordance with the specifications in the approved closure plan. I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

	Facility Name
Date	Name and Title
Date	Name of Registered P.E. and Illinois Registration Number
	Registered P.E.'s Seal:

RAH:sf/384Y,69

ATTACHMENT

Soil Volatile Sampling Procedures

Procedure:

- A. PREPARATION AND DECONTAMINATION OF SOIL SAMPLER (i.e. STAINLESS STEEL, BRASS, BRONZE, COPPER, etc.). An example of these samplers would be a shelby tube, split-barrel sampler with metal tube inserts or california sampler. These are only examples. There may be more types available. Also, the sample tube must be at least six inches long.
 - *1. Wash tubing or sampler with hot water and a nonfoaming detergent.
 - 2. Rinse with hot water.
 - *3. Rinse with a solvent, such as hexane or acetone.
 - 4. Rinse with very hot water to drive off solvent.
 - 5. Rinse with deionized distilled water.
 - 6. Air Dry
 - 7. Store the sampler in aluminum foil until ready for use.
 - * Consult the laboratory for specific recommendations.

B. SOIL SAMPLING FOR VOLATILE ORGANICS

- Using a properly decontaminated sampler (refer to preparation and decontamination instructions), push or drive the sampler to obtain a representative soil sample.
- DO NOT remove sample from sample tube in the field. The laboratory should remove the sample from the sampling tube.
- 3. Immediately add clay or other cohesive material (i.e. wetted bentonite) to the ends of the sample to eliminate head space, if necessary.
- 4. Cover both ends of the sampler with aluminum foil. If possible, cover the aluminum foil with a cap.
- 5. Put the sample in storage at 4 degrees centigrade immediately.
- Transport the samples to the laboratory as soon as possible. Most laboratories require delivery within 24 hours of sampling.

NOTE: Soil samples which will be tested for volatile organic constituents <u>cannot</u> be composited because of the volatilization which would result from any compositing method.

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Janet k. Martinez : - --

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June 27, 1986

M-Kesson

Office of the Regional Administrator Environmental Protection Agency Region V Federal Building 230 South Dearborn Chicago, IL 60604

Re: Federal Financial Requirements Hazardous Waste TSD Facilities

Dear Sir or Madam:

On behalf of McKesson Corporation and its wholly-owned subsidiaries (the "McKesson Group") we hereby submit the enclosed documents to meet the financial test and to demonstrate the financial responsibility of the McKesson Group under the standards of the Environmental Protection Agency applicable to owners and operators of hazardous waste treatment, storage and disposal facilities.

- l. The letter of Alan J. Seelenfreund, Vice President
 and Chief Financial Officer of McKesson Corporation
 ("McKesson");
- 2. The Annual Report of McKesson Corporation for the fiscal year ended March 31, 1986, which report contains the independent certified public accountants' report on the financial statements of the McKesson Group; and
- 3. The special report of Deloitte Haskins + Sells to the effect specified in the regulations.

The facilities owned by the McKesson Group are either operated by McKesson Chemical Company (a division of McKesson) or McKesson Envirosystems Company (a wholly-owned subsidiary of McKesson). With respect to the facilities owned and operated by McKesson Chemical Company, we are submitting this material to satisfy both the requirements for liability coverage, and

June 27, 1986 Page Two

closure care. Note further that the figure indicating the sum of closure cost estimates is an aggregate of the estimates for the facilities in all EPA regions -- although only the specific facilities in your state are listed in Mr. Seelenfreund's letter.

I trust that you will find all of the enclosed material to be in order; however, should you have questions or require further information or details, kindly address all inquiries on this matter to me. Thank you very much.

Very truly yours,

Janet K. Martinez

∲ounsel

JKM:sh

Enclosures

Office of the Regional Administrator Environmental Protection Agency Region V Federal Building 230 South Dearborn Chicago, IL 60604

Re: McKesson Corporation Financial Tests for Liability Coverage and Closure Cost Care

Dear Sir or Madam:

I am the Chief Financial Officer of McKesson Corporation ("McKesson") located at One Post Street, San Francisco, California 94104. This letter is in support of the use of the financial test to demonstrate financial responsibility for liability coverage and closure as specified in Subpart H of 40 CFR Parts 264 and 265.

The owner or operator identified above is the owner or operator of the following facilities for which liability coverage is being demonstrated through the financial test specified in Subpart H of 40 CFR Parts 264 and 265:

*See Exhibit "A" attached hereto and fully incorporated herein by reference.

1. The owner or operator identified above owns or operates the following facilities for which financial assurance for closure or post-closure care is demonstrated through the financial test specified in Subpart H of 40 CFR Parts 264 and 265. The current closure and/or post-closure cost estimates covered by the test are shown for each facility:

*See Exhibit "B" attached hereto and fully incorporated herein by reference.

2. The owner or operator identified above guarantees through the corporate guarantee specified in Subpart H of 40 CFR Parts 264 and 265, the closure and post-closure care of the following facilities owned or operated by its subsidiaries. The current cost estimates for the closure or post-closure care so guaranteed are shown for each facility.

*See Exhibit "C" attached hereto and fully incorporated herein by reference.

3. In states where EPA is not administering the financial requirements of Subpart H of 40 CFR Parts 264 and 265, this owner or operator is demonstrating financial assurance for the closure or post-closure care of the following facilities through the use of a test equivalent or substantially equivalent to the financial test specified in Subpart H of 40 CFR Parts 264 and 265. The current closure and/or post-closure cost estimates covered by such a test are shown for each facility:

*See Exhibit "D" attached hereto and fully incorporated herein by reference.

4. The owner or operator identified above owns or operates the following hazardous waste management facilities for which financial assurance for closure or, if a disposal facility, post-closure care, is not demonstrated either to EPA or a state through the financial test or any other financial assurance mechanism specified in Subpart H of 40 CFR Parts 264 and 265 or equivalent or substantially equivalent state mechanisms. The current closure and/or post-closure cost estimates not covered by such financial assurance are shown for each facility:

*None.

This owner or operator is required to file a Form 10K with the Securities and Exchange Commission ("SEC") for the latest fiscal year.

The fiscal year of this owner or operator ends on March 31. The figures for the following items marked with an asterisk are derived from this owner or operator's independently

audited, year-end financial statements for the latest completed fiscal year ended March 31, 1986:

ALTERNATIVE II

		
1.	Sum of current closure and post-closure cost estimates. (total of all cost estimates listed above)	\$1,527,706
2.	Amount of annual aggregate liability coverage to be demonstrated.	\$2,000,000
3.	Sum of lines 1 and 2.	\$3,527,706
4.	Current bond rating of most recent issuance and name of rating service.	Moody's A3
5.	Date of issuance of bond.	February 21, 1986
6.	Date of maturity of bond.	February 15, 1991
* 7.	Tangible Net Worth.	\$376,000,000
* 8.	Total assets in the U.S.	N/A
9.	<pre>Is line 7 at least \$10 million?</pre>	Yes
10.	<pre>Is line 7 at least 6 times line 3?</pre>	Yes
*11.	Are at least 90% of assets located in the U.S.?	Yes
12.	Is line 8 at least 6 times line 3?	N/A

I hereby certify that the wording of this letter is identical to the wording specified in 40 CFR 264.151(g) as such regulations were constituted on the date shown immediately below.

Alan J. Seelenfreund

Vice President and Chief Financial Officer McKesson Corporation

June 27, 1986

AJS:sh

EPA REGION V

Facility Address	EPA #
Cincinnati - 3025 Exon Avenue Evendale, Cincinnati, OH 45241	#OHD002899847
Cleveland - 26601 Richmond Road Bedford Heights, OH 44146	#OHD071107791
Detroit - 27001 Trolley Industrial Drive Taylor, MI 48180	#MID010861524
Grand Rapids 7025 Dutton Industrial Drive Dutton, MI 49316	#MID980681696
Bloomington - 2010 N. Eagle Road Normal, IL 61761	#ILD000781633
Chicago Heights - P.O. Box 456 Chicago Heights, IL 60411	#ILD 047 029228
Milwaukee (West Allis) P.O. Box 14545 Milwaukee, WI 53214 1707 S. 101st Street West Allis, WI	#WID040784936
Minneapolis - 111 22nd Avenue, NE Minneapolis, MN 55418	#MND054497052
Schaumburg - 2055 Hammond Drive Schaumburg, IL 60195	#ILD000819938
633 East 138th Street Dolton, IL 60419	#ILD980613913

The Dolton facility listed above is operated by McKesson Envirosystems Company, a wholly-owned subsidiary of McKesson Corporation.

EPA REGION V

Facility Address	EPA #		/Post-Closure Estimates
Cincinnati - 3025 Exon Avenue Evendale, Cincinnati, OH 45241	#OHD002899847	\$	11,521
Cleveland - 26601 Richmond Road Bedford Heights, OH 44146		\$	12,565
Detroit - 27001 Trolley Industrial Drive Taylor, MI 48180	#MID010861524	Ş	12,441
Grand Rapids 7025 Dutton Industrial Drive Dutton, MI 49316	#MID980681696	\$	12,414
Bloomington 2010 N. Eagle Road Normal, IL 61761	#ILD000781633	ş	15,828
Chicago Heights - P.O. Box 456 Chicago Heights, IL 60411	#ILD047029228	\$	13,132
Milwaukee (West Allis) P.O. Box 14545 Milwaukee, WI 53214 1707 S. 101st Street West Allis, WI	#WID040784936		10,371

EPA REGION V CONTINUED

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Schaumburg	brought forw	ard \$ 88,272
2055 Hammond Drive Schaumburg, IL 60195	#1LD000819938	\$ \$17,017
633 East 138th Street Dolton, IL 60419	#ILD980613913	\$ 131,000
111 22nd Avenue, NE Minneapolis, MN 55418	#MND054497052	\$ 17,017
		\$ 253,306

The Dolton facility listed above is operated by McKesson Envirosystems Company, a wholly-owned subsidiary of McKesson Corporation.

EXHIBIT "C"

KENTUCKY

Facility Address

EPA #

Closure/Post-Closure
Cost Estimates

State Highway #146 P. O. Box 387 New Castle, KY 40050

#KYD053348108

\$255,000

The New Castle facility above is owned and operated by McKesson Envirosystems Company, a California corporation and wholly-owned subsidiary of McKesson Corporation.

EXHIBIT "D"

EPA REGION II

Fac	ility Address	EPA #	Closure/Post-Closure Cost Estimates
1.	Woodbridge/Bulk Plant P.O. Drawer J Avenel, NJ 07001 160 Essex Avenue, East	#NJD063143754	\$ 1,182
2.	504-508 Doremus Avenue Newark, NJ	#NJD002153922	\$ 151,000
3.	400 Bear Street Syracuse, NY	#NYD075806836	\$ 63,000
4.	KM #51, Highway #2 Post Office Box 298 Manati, Puerto Rico	#PRD090399718	\$ 354,000
5.	KM #26.7, Highway #2 Dorado, Puerto Rico 00646 P.O. Box 1098 Manati, Puerto Rico 00701	#PRD981187421	\$ 75 , 000
		TOTAL	\$ 644,182

Facilities 2 and 3 above are owned and operated by McKesson Envirosystems Company, a California corporation and wholly-owned subsidiary of McKesson Corporation. Facilities 4 and 5 are operated by McKesson Envirosystems Company of Puerto Rico, Inc. which, in turn, is a wholly-owned subsidiary of McKesson Envirosystems Company.

EPA REGION V

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Cincinnati - 3025 Exon Avenue Evendale, Cincinnati, OH 45241	#OHD0028998 47	\$ 11,521
Cleveland - 26601 Richmond Road Bedford Heights, OH 44146		\$ 12,565
Detroit - 27001 Trolley Industrial Drive Taylor, MI 48180	#MID010861524	\$ 12,441
Grand Rapids 7025 Dutton Industrial Drive Dutton, MI 49316	#MID980681696	\$ 12,414
Bloomington 2010 N. Eagle Road Normal, IL 61761	#ILD000781633	\$ 15,828
Chicago Heights - P.O. Box 456 Chicago Heights, IL 60411	#ILD047029228	\$ 13,132
Milwaukee (West Allis) P.O. Box 14545 Milwaukee, WI 53214 1707 S. 101st Street West Allis, WI	#WID040784936	\$ 10,371
	carried	over \$ 88,272

EPA REGION V CONTINUED

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Schaumburg	brought forwar	rd \$ 88,272
2055 Hammond Drive Schaumburg, IL 60195	#ILD000819938	\$ \$17,017
633 East 138th Street Dolton, IL 60419	#ILD980613913	\$ 131,000
111 22nd Avenue, NE Minneapolis, MN 55418	#MND054497052	\$ 17,017
		\$ 253,306

The Dolton facility listed above is operated by McKesson Envirosystems Company, a wholly-owned subsidiary of McKesson Corporation.

EPA REGION VII

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Kansas City - 2000 Guinotte Av Kansas City, MO 64120	enue MOD007158157	\$ 14,065
Omaha - P.O. Box 7341 3900 "D" Street Omaha, NE 68107	NED040906729	\$ 11,910
St. Louis (Berkeley - P.O. Box 8925 Seeger Industrial Drive Berkeley, MO 63134	5953 MOD084396985	\$ 12,070
Springfield - M.P.O. Box 670 220 S. Barnes Avenue Springfield, MO 65801	MOD000823229	\$ 15,090
Wichita - P.O. Box 2280 2041 N. Mosley Avenue Wichita, KS 67201	KSD000809715	\$ 11,709
Burlington - P.O. Box 159 Burlington, IA 52601		
Silver Street	IAT200010916	\$ 8,006
	TOTAL:	\$ 7 2,850

ARKANSAS

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Little Rock - P.O. Box 826 Jacksonville, AR 72076	#ARD071245401	\$ 13,325
Fayetteville - 701 Government Road Fayetteville, AR 72701	#ARD000709253	\$ 6,897
		-
	. TOTAL	\$ 20,222

CALIFORNIA

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Los Angeles Branch 5353 Jillson Street Los Angeles, CA 90040	#CAD020745246	\$ 14,398
Bulk Plant 9005 Sorensen Avenue Santa Fe Springs, CA 90670	#CAD060395753	\$ 10,720
S.F. Bay Branch 33950 7th Street Union City, CA 94587	#CAD073934903	\$ 26,004
	TOTAL:	\$ 51,122

Region IX of the USEPA says to continue to direct the financial assurance letter to the CA DHS, despite the EPA's having withdrawn California's authorization.

FLORIDA

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Route 3, Box 498A Tampa, FL 33619	#FLD020985727	\$ 11,153
	TOTAL	\$ 11 , 153

GEORGIA

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
2180 Irvindale Drive Chamblee Atlanta, GA 30366	#GAD072472707	\$ 9,769
Columbia Nitrogen Drive Augusta, GA 30903	#GAD000828269	\$ 10,090
		Mandata e e e e e e e e e e e e e e e e e e
	TOTAL	\$ 19,859

ILLINOIS

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Bloomington 2010 N. Eagle Road Normal, IL 61761	#ILD000781633	\$ 15,828
Chicago Heights P.O. Box 456 Chicago Heights, IL 60411	#ILD047029228	\$ 13,132
Schaumburg 2055 Hammond Drive Schaumburg, IL 60195	#ILD000819938	\$ 11,454
633 East 138th Street Dolton, IL 60419	#ILD980613913	\$ 136,000
	TOTA	L: \$ 176,414

The Dolton facility listed above is operated by McKesson Envirosystems Company, a wholly-owned subsidiary of McKesson Corporation.

KANSAS

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Wichita - P.O. Box 2280 2041 N. Mosley Avenue Wichita, KS 67201	KSD000809715	\$ 11 , 709
	TOTAL:	\$ 11,709

KENTUCKY

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Louisville P. O. Box 19409 Louisville, KY 40219	#KYD042593368	\$ 12,154
State Highway #146 P. O. Box 387 New Castle, KY 40050	#KYD053348108	\$255 , 000
	TOTAI	267,154

The New Castle facility above is owned and operated by McKesson Envirosystems Company, a California corporation and wholly-owned subsidiary of McKesson Corporation.

MICHIGAN

Fac	ility Address	EPA #	/Post-Closure Estimates
1.	Detroit - 27001 Trolley Industrial drive Taylor, Michigan 48180	#MID010861524	\$ 12,441
2.	Grand Rapids 7025 Dutton Industrial Drive Dutton, Michigan	#MID980681696	\$ 12,414
		TOTAL	\$ 24,855

MINNESOTA

Facility Address

EPA #

Closure/Post-Closure
Cost Estimates

111 - 22nd Avenue, N.E. MND0544987052

\$ 17,017

Minneapolis, Minnisota 55418

MISSOURI

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Kansas City - 2000 Guinotte Av Kansas City, MO 64120		\$ 14,065
St. Louis (Berkeley - P.O. Box 8925 Seeger Industrial Drive Berkeley, MO 63134	5953 MOD084396985	\$ 12,070
Springfield - M.P.O. Box 670 220 S. Barnes Avenue		¥ 12,070
Springfield, MO 65801	MOD000823229	\$ 15,090
	TOTAL:	S 41,225

OREGON

Facility Address

EPA #

Closure/Post-Closure
Cost Estimates

4488 N.W. Yeon
Portland, Oregon

#ORD049799232

\$ 10,115

NEBRASKA

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Omaha - P.O. Box 7341 3900 "D" Street Omaha, NE 68107	NED040906729	\$ 11,910
	TOTAL:	\$ 11,910

NEW MEXICO

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Albuquerque Stockpoint 121 Dale Avenue Albuquerque, NM 87102	#NMD080370785	\$ 18,164
	TOTAL:	\$ 18.164

NORTH CAROLINA

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Wendover Avenue Greensboro, NC 27420	#NCD089903983	\$ 10,002
4901 Brookshire Blvd. Charlotte, NC 28208	#NCD024481848	\$ 9,777
	,	
	IATOT	\$ 19,779

OHIO

Fac	ility Address	EPA #	Closure/Post+Closure Cost Estimates
1.	3025 Exon Avenue Evendale Cincinnati, Ohio 45241	#OHD002899847	\$ 11,521
2.	Cleveland 26601 Richmond Road Bedford Heights, Ohio 44146	#OHD071107791	\$ 12,565 \$ 24,086

SOUTH CAROLINA

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Camp Croft Industrial Park Spartanburg, SC 29302	#SCD008941619	\$ 16,019
		
	TOTAI	\$ 16,019

TENNESSEE

Facility Address	EPA #	Closure/Post-Closure Cost Estimates
Memphis - 3909 Outland Road Memphis, TN 38118	#TND096074901	S 12,209
Ridgefield's Industrial Park Kingsport, TN 37662	#TND000822973	\$ 18,460
One Riverside Lane Chattanooga, TN 37421	#TND000737445	\$ 17,001
	TOTAI	\$ 47, 670

TEXAS

Facility Address

EPA #

Closure/Post-Closure
 Cost Estimates

Houston Branch 6012 Murphy Street Houston, TX 77031

TXD039822432

\$ 30,523

Deloitte Haskins Sells

44 Month mery Street San Francisco California 94104-4602 (415) 393-4300 Telex 340335

McKesson Corporation:

June 27, 1986

We have examined the consolidated financial statements of McKesson Corporation for the year ended March 31, 1986, and have issued our opinion thereon dated May 23, 1986. Our examination was made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances. We have not performed any auditing procedures beyond the date of our opinion on the consolidated financial statements; accordingly, this letter is based on our knowledge as of that date and should be read with that understanding.

At your request, we have performed the procedures described below with respect to the accompanying letter dated June 27, 1986 from Mr. Alan J. Seelenfreund, Vice President and Chief Financial Officer, McKesson Corporation. It is understood that this report is solely for filing with the agencies listed in the Appendix to this letter in accordance with requirements of Subpart H of 40 CFR Parts 264 an 265 or similar state requirements, and is not to be used for any other purpose. The procedures that we performed are summarized as follows:

We recomputed from, or reconciled to, the consolidated financial statements referred to in the first paragraph the information included in items 7, 8 and 11 under the caption Alternative II in the letter referred to above.

Because the procedures referred to in the preceding paragraph were not sufficient to constitute an examination made in accordance with generally accepted auditing standards, we do not express an opinion on any of the information or amounts listed under the caption Alternative II in the aforementioned letter. In performing the procedures referred to above, however, no matters came to our attention that caused us to believe that the information or amounts included in items 7, 8 and 11 should be adjusted.

Yours truly,

Delatte Nacking & Sella

APPENDIX

Agencies receiving filings dated June 27, 1986 from Mr. Alan J. Seelenfreund, Vice President and Chief Financial Officer of McKesson Corporation, in accordance with Subpart H of 40 CFR Parts 264 and 265 or similar state requirements:

Environmental Protection Agency, Region II Environmental Protection Agency, Region V Environmental Protection Agency, Region VII Arkansas Department of Pollution Control and Ecology California Department of Health Sciences, Toxic Substances Control Division Florida Department of Environmental Regulation Georgia Department of Natural Resources, Environmental Protection Division Illinois Environmental Protection Agency Kansas Department of Health and Environment, Bureau of Waste Management Michigan Department of National Resources, Hazardous Waste Division Minnesota Pollution Control Agency, Solid and Hazardous Waste Division Nebraska Department of Environmental Control, Hazardous Waste Section New Mexico Environmental Improvement Division North Carolina Department of Human Resources Ohio Environmental Protection Agency Oregon Department of Environmental Quality, Hazardous and Solid Waste Division South Carolina Department of Health and Environmental Control, Bureau of Solid and Hazardous Waste Management Tennessee Department of Health and Environment Texas Water Commission, Hazardous Waste and Solid Waste Division

RESPONSIBILITY FOR FINANCIAL STATEMENTS

McKesson Corporation is responsible for the preparation and accuracy of the financial statements and other information included in this report. The financial statements have been prepared in conformity with generally accepted accounting principles using, where appropriate, management's best estimates and judgments.

In theeting its responsibility for the reliability of the financial statements, the company depends on its system of internal accounting control. The system is designed to provide reasonable assurance that assets are safeguarded and that transactions are executed as authorized and are properly recorded. The system is augmented by written policies and procedures and an internal audit department.

Deloitte Haskins & Sells, the company's independent auditors, have examined the financial statements in accordance with generally accepted auditing standards, and their opinion appears to the right.

The Board of Directors reviews the financial statements and reporting practices of the company through its Audit Committee, which is composed entirely of directors who are not officers or employees of the company. The committee meets regularly with the independent auditors, internal auditors and management to discuss audit scope

nd results and to consider internal control and financial reporting matters. Both the independent and internal auditors have unrestricted access to the Audit Committee.

Neil E. Harlan Chairman and

Chief Executive Officer

Alan Seelenfreund Vice President and

Chief Financial Officer

Opinion of Independent Auditors

Deloitte Haskins-Sells

The Stockholders and Board of Directors of McKesson Corporation:

We have examined the consolidated balance sheets of McKesson Corporation and subsidiaries as of March 31, 1986, 1985 and 1984 and the related statements of consolidated income, changes in consolidated stockholders' equity and changes in consolidated financial position for the years then ended. Our examinations were made in accordance with generally accepted auditing standards and, accordingly, included such tests of the accounting records and such other auditing procedures as we considered necessary in the circumstances.

In our opinion, such consolidated financial statements present fairly the financial position of the companies at March 31, 1986, 1985 and 1984 and the results of their operations and the changes in their financial position for the years then ended, in conformity with generally accepted accounting principles applied on a consistent basis.

Delatte Naskins & Sella

San Francisco, California 94104 May 23, 1986

C.2 Compliance/ Enforcement MAY 1 6 1988

Mr. John Pesek
Production Manager
McKesson Chemical
(Van Waters & Rogers, Inc.)
2055 Hammond Drive
Schaumburg, Illinois 60173

Re: McKesson Chemical (Van Waters & Rogers, Inc.) ILD 000 819 938

Dear Mr. Pesek:

The United States Environmental Protection Agency has reviewed the information which you submitted to this office on April 20, 1988. The stated actions appear to adequately address the land disposal restriction deficiency outlined in our April 12, 1988, Notice of Violation.

Your cooperation and efforts in this matter are appreciated. Should you have further questions, please feel free to contact Ms. Barbara Russell of my staff at (312) 353-7922.

Sincerely yours,

Paul E. Dimock, Chief IL/MI/WI Enforcement Programs Section

cc: Glenn Savage, IEPA, FOS Harry Chappel, IEPA, CMS

5HS-12:BRUSSELL:5/2/88:ev

DISK #4

CONCURRENCES									
SYMBOL	2 -	0)		001					
SURNAME	0-R	Br		1.C. N					
DATE	5/10/88	5/13/66		5-13-88				1	

EPA Form 1320-1 (12-70)



217/782-6761

Refer to: 0314890001 -- Cook County

Van Maters & Robers, Inc.

ILD0000819938 RCEA - Persits

Fay 6, 1986

Van Waters & Rogers, Inc. 2055 Fasmond Dr. Schaumburg, Illinois 60195

Attn: Environmental Coordinator or

Flant Famager

Dear Sir:

According to Agency files, your facility currently manages hazardous waste in containers and/or tanks subject to the requirements of 35 IAC 700-725. 36 IAC 703.157(f) states that interim status for any hazardous waste storage or treatment facility will be terminated November 8, 1992, unless the facility submits Part B of the RCRA permit application for these units to this Agency by Nevember 8. 1988. This letter is written to (1) make you aware of this requirement and (2) describe the actions which must be taken in response to this recuirement.

According to 35 IAC 763,157(f), if an existing facility desires to (1) store hazardous waste on-site for greater than minety (90) days, (2) treat hazardous waste, or (3) store hazardous waste as a commercial facility after November 8, 1992, it must submit Part B of the RCRA permit application to this Agency by November 8, 1988. The information which must be contained in this application is described in 35 IAC 703, Subpart D. The enclosed document, entitled "RCRA Permit Guidance" provides more detail regarding the necessary contents of the application and also identifies several guidance documents which will be useful in developing the application. Also included in this document is the form which must be used when submitting the application.

If a facility does not desire to continue storing and/or treating hazardous maste after November 8, 1992, it must close the storage and/or treatment unit(s) present at the facility prior to this date. Closure, in this instance, basically means that all contamination must be removed from the unit(s) and if necessary, from the area surrounding these units. The requirements which must be met in closing these units are contained in 35 IAC 725, Subpart G. For you convenience, guidance for the development of a closure plan is contained in the enclosed document entitled "Instructions for the Preparation of Closure Plans for Interio Status RCRA Hazardeus Haste Factifities." PLEASE NOTE THAT A CLOSURE PLAN DOES NOT MEED TO BE SUBNITTED AT THIS TIME. IT PUST HOWEVER, BE SUBMITTED TO THE AGENCY NO LATER THAN MAY S. 1992.



Page 2

In some instances, there may be several interim status hazardous waste management units at a facility. The facility may desire to pursue a final RCRA permit for a portion of these units and close the rest of them. Because of the uncertainty associated with this option, all interio status units at a facility most be included in Part B of the RCRA permit application, unless a closure plan for the units being closed is submitted with the Part B. If a closure plan is submitted with the Part B, the application need only address those units which will remain in operation.

The only alternatives available for hazardous waste treatment and storage facilities to meet the requirements of 35 IAC 763,167(f) are (1) submit Part 8 of the RCRA permit application by Hovember 8, 1988 or (2) close by Hovember 8. 1992. However, some facilities may have previously filed Part A of the RCRA permit application in error and now feel that the bazardous waste management activities carried out at the facility do not require a RCRA permit (i.e. the Part A was filed for protective measures). If this is the case, the Agency requests that information supporting this position be submitted no later than November 8, 1988. The Agency can then review the information submitted and correct its records accordingly. The information which must be submitted to make this demonstration is contained in the enclosed document entitled "Facility Part A Withdrawal Request Form."

Finally, some facilities may have closed or are currently closing in accordance with an IEPA approved closure plan. (Please bear in mind this letter is going out to over 200 facilities; some closed facilities may inadvertently receive this letter.) In this instance, the Agency requests that a copy of (1) the closure plan approval letter and (2) the letter from the Agency accepting the certifications of the owner/operator and the registered professional engineer that closure was carried out in accordance with the approved closure plan (if closure has been completed) he submitted by Hovember 8, 1988. The Agency will again be able to review this information and correct its records accordingly.

Because of the large number of facilities subject to the regulrements of 35 IAC 703.157(f), the Agency requests that all facilities receiving this letter complete the enclosed form entitled "ACRA Fermit Information Form," The form has been developed such that it can be used by a facility falling into any of the five categories described above (pursuing a final permit, planning to close, pursuing a permit for only a portion of the interim status units and closing the other units, protective filers, closed in accordance with an IEPA approved closure plan). This form must be submitted to the Agency no later than Hovember 8, 1988, along with all required attachments. Failure to do so may subject a facility to enforcement under State and/or Federal regulations and possible monetary penalties up to \$25,000 per day of moncompliance.



Page 3

The RCRA Permit Information Form and all required attachments must be subsitted in triplicate (original and two (2) copies) to the following address:

Permit Section, RCRA Unit Division of Land Pollution Centrol Illinois Environmental Protection Agency 2200 Churchill Road P.O. Box 19276 Springfield, IL 62794-9276

If you have any questions regarding this letter, please centact Jim Moore at 217/782-9875.

Very truly yours,

Lawrence U. Eastep, P.E., Manager Permit Section Division of Land Pollution Comrol

LWE:JKW:rd13131/13145

Enclosures.

cc: Division File Complifance Paywood Region USEPA Region V

Van Waters & Rogers Inc.

subsidiary of Univar

CERTIFIED MAIL #P579-107-273 RETURN RECEIPT REQUESTED

April 20, 1988

Mr. Paul E. Dimock, Chief IL/MI/WI Enforcement Program Section U. S. Environmental Protection Agency Region 5 230 South Dearborn Street Chicago, IL 60604

RE: Van Waters & Rogers Inc. Notice of Violation ILD 000 819 938

Dear Mr. Dimock:

This is in response to your Notice of Violation issued as a result of a February 18, 1988 inspection conducted at above referenced facility.

Our failure to mark the waste drums with the date received was purely an oversight and has been corrected.

All drums of F-Solvent wastes accepted for storage at our facilities are now being marked with the date received into storage.

All drums are properly labeled to show contents and the accumulation start date.

A pre-pickup checklist is used by our drivers to assure that labeling is complete and routine in-house inspections are conducted to assure us that labels remain on the drums during storage.

Copies of these checklists are attached for your information.

Very truly yours,

Robert D. Hickman

Regional Regulatory Manager

RDH: be

Attachments

COPIES TO: J. F. Lacey

M. S. Kirkland

J. Tobin

D. Costello

File

600 HUNTER DRIVE OAK BROOK, IL 60521 PHONE [312] 573-4300



U.S. EPA, REGION V WASTE MANAGEMENT DIVISION OFFICE OF THE DIRECTOR

CHEMCARE

HAZARDOUS WASTE CHECKLIST

This checklist has been provided to assist you in working with Van Waters & Rogers, Inc. in the handling and treatment of your hazardous waste. ____ Federal EPA ID # _____ Generator's State EPA/DNR ID # (if required) ____ Ship to State's Generator ID # ____ Ship to State's Generator Waste Stream # _____ Waste Survey completed and signed Representative 1 pint/quart sample taken and prepared for shipment _____ Sample & Survey sent to TSDF Laboratory for approval ___ Receipt of TSDF Approval (analysis), VW & R Quotation, Terms & Conditions, and the Handling Agreement (fascimile) DRUM CHECKLIST ____ Use 17E or 17H Drums, clean and in good condition HAZARDOUS WASTE LABEL (printed or typed) for each drum with: ____ DOT Shipping Name UN or NA # _____ Accumulation stars ____ Generator Name and Address date EPA GENERATOR ID # _ EPA WASTE # Manifest Document # (F000# or D000#) ____ No side bungs ____ Must be sealed with no apparent leaks All other wording and labels must be obliterated No creases Minimum rust ____ All appropriate DOT Labels (ie. flammables) _____ No open top drums (by exception) _____ Must be filled within 4" - 6" of the top (by exception) PREPARATION FOR SHIPMENT A copy of completed Hazardous Waste Manifest is sent to VW & R ____ Call from VW & R with pick up date Hazardous Waste Manifest, Handling Agreements, and Restricted Waste Notification Statement signed _____ Delivery to TSDF

Table 1
Van Waters & Rogers, Inc.

Inspection Schedule (To be kept at Facility)

Area/Equipment	Specific Items	Types of Problems	Frequency of Inspection
Container Storage Area	General Area	Leaks, spills	Daily
(Secondary Containment)	Container placement and stacking	Aisle space	Weekly
	Sealing of containers	Open bungs, lids	Weekly
	Labelling of con- tainers	Improper identi- fication Date missing illegibility	Weekly
	Base	Cracks, erosion	Daily
	Berm	Cracks, deterioratio	n Daily
	Warning signs	Damaged	Weekly
	Debris & refuse	Aesthetics	. Weekly
	Accumulated liquid	Contamination -	Daily, and confirm after precipitation
Security Devices	Facility fence	Corrosion, damage	Weekly
	Main Gate	Corrosion, damage, non-functioning	Weekly
Loading, Unloading Areas	Surface areas	Deteriotation spills	Daily
	Dock bumpers	Damage	Daily

APR 1 2 1988

CERTIFIED MAIL
RETURN RECEIPT REQUESTED

Mr. John Pesek
McKesson Chemical Company
(Van Waters & Rogers, Inc.)
2055 Hammond Drive
Schaumburg, Illinois 60173

Re: Notice of Violation
McKesson Chemical Company
(Van Waters & Rogers, Inc.)
ILD 000 819 938

Dear Mr. Pesek:

On February 18, 1988, the Illinois Environmental Protection Agency (IEPA), representing the U.S. Environmental Protection Agency (U.S. EPA), conducted a Resource Conservation and Recovery Act (RCRA) inspection of the above-referenced facility. The purpose of the inspection was to determine the compliance status of your facility with respect to the applicable hazardous waste management requirements of RCRA, including the Federal land disposal restrictions. The land disposal restrictions for F001-F005 waste solvents became effective on November 8, 1986, (reference 51 Federal Register 40636: revisions to 40 CFR Parts 260-265, 268, and 270-271) and for "California List" hazardous wastes on July 8, 1987, (reference 52 Federal register 25760: revisions to 40 CFR Parts 262, 264, 265, 268, and 270-271).

With respect to the land disposal restrictions (40 CFR Part 268) section of the inspection, your facility was found to be in violation of the following:

Failure to identify contents and mark dates on all containers entering storage, as required by Section 268.50(a)(2)(i).

A copy of the inspection report is enclosed for your records. Please submit to this office, within thirty (30) days of receipt of this Notice of Violation, documentation demonstrating that the above-cited violation has been corrected

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

and indicating what measures have been initiated to assure future complifailure to correct the violation may subject the facility to further Federicement action.

If you have any questions regarding this correspondence, please contact Ms. Barbara Russell of my staff at (312) 353-7922.

Sincerely yours,

Paul E. Dimock, Chief IL/MI/WI Enforcement Program Section

Enclosure

cc: Harry Chappel, IEPA Glenn Savage, IEPA

				CONCURRENC	CES		
SYMBOL							
SURNAME	D-R	8~	TRN yating			****************	
DATE 4	17188	4/12/88	4/12/88			 	
PA Form 1320	0-1 (12-70)	pg.				OFFICIA	AL EU

#U.S. GPO : 198

3. Article Addressed to: Mr. John Pesett Mekesson Chemical Co Van Waters A Konfrs, Onc.) 2055 Hammond Rine Alway Alway Or an article Addressed to: Or an article Addressed to: Alway Or an article Addressed to: Alway Or an article Addressed to: Or an article Addressed to: Alway Or an article Addressed to: Or an article	sted. Restricted Delivery (Extra charge) ticle Number 57/ 9/ 6 685 of Service: egistered Insured ertified COD kpress Mail
Mr. John Pesett Mckesson Chemical Co, Onc.) Wan Waters & Rosers, Onc.) 2055 Hammond Rine Always of ag	of Service: egistered Insured ertified COD express Mail
Mckesson Chemical Co. Onc.) (Van Waters & Koners, Onc.) 2055 Hammond Rune Alwa or ag	egistered Insured ertified COD express Mail
Van Waters A Roberts, and E E Alwa 2055 Hammond Rune 2058	xpress Mail
2055 Aprillation 00 10170 or ag	ys obtain signature of addressee
1 A LA AUMILIA 18 A	ent and DATE DELIVERED.
5. Signature - Addressee 3	quested and fee paid)
6. Signature - Agent	
7. Date of Delivery * U.S.G.P.O. 1987-178-268	DOMESTIC RETURN RECE

P-571 916 685

RECEIPT FOR CERTIFIED MAIL
NO INSURANCE COVERAGE PROVIDED
NOT FOR INTERNATIONAL MAIL

	(See reverse)		
U.S.G.P.O. 153-506	Street and No. 2055 Hammond	1 Drive	1
U.S.	Postage	\$ 85	1
	Certified Fee Special Delivery Fee	85	00
	Restricted Delivery Fee	L.	220
10	Return Receipt showing to whom and Date Delivered	90	0
e 1985	Return Receipt showing to whom, Date, and Aridress of Relivery		1
Jan	TOTAL Postage and Fees	\$2.40	7
PS Form 3800	Postmark or Date		Burka



M-Kesson

MAR 1 4 1986

U.S. EPA, REGION V

February 28, 1986

Mr. D. A. Stringham U.S. EPA, Region V 230 South Dearborn Street Chicago, IL 60604

RE: McKesson Chemical Facility

2055 Hammond Drive Schaumburg, IL ILD000819938 REGETVED

MAR 1 4 1986

SOLIO WASTE BRANCH U.S. EPA, REGION V

Dear Mr. Stringham:

This will acknowledge receipt of the information request directed to our facility located at the subject address.

We are presently reviewing our RCRA files on this subject and compiling information requested in your letter. Since we have many locations in different areas of the country, it is important to us to develop a consistent approach to these information requests.

Accordingly, we request that the response deadline for this request be extended by 30 day.

Thank you for your cooperation.

Very truly yours,

McKESSON CHEMICAL COMPANY

Robert D. Hickman

Regional Compliance Manager

RDH:be

Verbally answered (per I may bear)

Foremost-McKesson Chemical Group McKesson Chemical Company 2055 Hammond Dr. Schaumburg, IL. 60195 312 397-2710

RECEIVED

MAY 12 1982

ILT. E.P.A. - D.L.P.C. STATE OF ILLINOIS

McKESSON CHEMICAL

May 11, 1982

Environmental Protection Agency 1701 S. First Street Maywood, IL 60153

Attention : Kenneth P. Bechley, Northern Region Manager

Field Operations Section Division of Land

Pollution Control

Dear Mr. Bechley:

We have corrected the deficiencies noted in your letter of May 7, 1982 in reference to your inspection of our facility on March 24, 1982.

The same day of the inspection we recorded the home address and telephone numbers of the employees designated as emergency coordinators.

In accordance with 40 CFR 265.53 (b) we will present copies of our contingency plan to the local fire department and police department by the week of May 17, 1982.

Sincerely,

MCKESSON CHEMICAL COMPANY

James Morgan Branch Manager

JM/Gb

cc: Mr. A. W. Knapp

Reference: 03148901 - Cook County - Schaumburg/McKesson

Chemical - ILD000819938





Environmental Protection Agency 1701 S. First Street Maywood, IL. 60153

312/345-9780

Refer to: 03148901 - Cook County - Schaumburg/McKesson Chemical ILD000819938

May 7, 1982

Mr. Daniel Gallagher
McKesson Chemical Company
2055 Hammond Drive
Schaumburg, Illinois 60193

Mr. A.W. Knapp Formost-McKesson, Inc. 1 Post Street San Francisco, Ca. 94104

Dear Mr. Gallagher:

On March 24, 1982, representatives of the Illinois Environmental Protection Agency (IEPA) conducted an inspection of McKesson Chemical Company in Schaumburg, Illinois. This inspection was conducted by the Illinois Environmental Protection Agency under a Cooperative Arrangement with, and authorization of, the United States Environmental Protection Agency (USEPA). The purpose of the inspection was to determine your facility's compliance status with the Resource Conservation and Recovery Act (RCRA) of 1976, P.L. 94-580, as amended. During the inspection the following deficiencies were observed:

Pursuant to 40 CFR 265.15(b) the owner/operator is to establish and maintain inspection records and schedules which detail records of malfunctions, operator errors, discharges, safety and emergency equipment, security devices, and operating and structural devices. Your facility is deficient in that no records of malfunctions, operator error or discharges are maintained for review.

The owner/operator must have a contingency plan at the facility. The contingency plan must address the actions to be taken by facility personnel in response to fires, explosions, or any unplanned release of hazardous waste or hazardous constituents to the environment. The plan must describe the arrangements agreed to by local police, fire departments, hospitals and emergency response teams. The names, addresses, and prone numbers of all persons qualified to act as emergency coordinators must be included in the plan. The contingency plan must list all emergency equipment at the facility, including the location, a physical description, and a brief summary of the capabilities of each item on the list. facilities where evacuation could be necessary a plan describing evacuation routes and signals used to begin evacuation must be included in the contingency plan. These requirements are pursuant to 40 CFR Part 265 Subpart D. Your facility is deficient in that the contingency plan did not contain the home addresses and phone numbers of those employees designated as emergency coordinators.

Requirements contained in 40 CFR 265.53(b) were not complied with in that copies of the contingency plan were not submitted to local emergency response organizations.

You are hereby requested to submit to this office, within 15 days of receipt of this letter, a description of steps taken to correct the above deficiencies. Failure to correct these deficiencies may result in enforcement actions initiated by USEPA pursuant to 40 USC 6928. Please send your reply to the above address. Should you have any questions concerning this matter, please contact Glenn Sternard of my staff at the above number.

Sincerely,

A-well P. Bull

Kenneth P. Bechely, Northern Region Manager Field Operations Section Division of Land Pollution Control

KPB: GJS: prb

Enclosure: Inspection Report

cc: Division File Northern Region

U.S. E.P.A. - Region V

ENVIRONMEN PROTECTION AGENCY STATE OF LINOIS

 $\frac{L}{(1)} \stackrel{P}{=} \frac{C}{f} \stackrel{E}{=} \frac{C}{(8)} \stackrel{O}{=} \frac{5}{(9)}$ OBSERVATION REPORT - SITE INVENTORY NO. 0 = 1/4890

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RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS TREATMENT, STORAGE, AND DISPOSAL FACILITIES Form A - General Facility Standards

I. General Information:

(A)	Facility Name: Mc KESSON Chemical Co
	Street: 2055 HAMMOND DR
(C)	City: Schaumberg. (D) State: IZ (E) Zip Code: 60193
(F)	Phone: (3/2) 254-1100 (G) County: Cook
(H)	Operator: Same as above
(I)	Street:
(J)	City: (K) State: (L) Zip Code
(M)	Phone: (N) County:
(0)	Owner: Foremost - Mc Kesson, Inc.
(P)	Street: 1 Post St.
(Q)	City: SAN Francisco (R) State: Cn. (S) Zip Code: 94104
(T)	Phone: 415-983-9160 (U) County: Alameda
	Date of Inspection: 3-24-82 (W) Time of Inspection (From) 930A (To) 11:20A
(X)	Weather Conditions: 50° Sonny.

`(Y)	Person(s) Interviewed	Title		Telephone
	William J. McCANDLESS DANIEL GALLAGHER	Op. Admi	Manager n. Mgr	(312) 397-2710 11 11
	J. Morgan	-Ma	<u>v</u> .	(v · · · · · · ·
(Z)	Inspection Participants	- Agency/	Title	Telephone
	glenn J. Sternard	Î3 I	PA/EPS	(312) 345-9780
(AA)	Preparer Information			
	Name Glenn Sternard	Agency/	Title A EPS	Telephone (312) 345-9780
	<u>II.</u>	SITE ACTIV	<u>/ITY</u> :	
	Complete sections I through VII for facilities. Complete the forms (i to the site activities identified	n parenthes	ement, storage, and/osis) in section VIII	or disposal corresponding
<u></u> A	 Storage and/or Treatment Containers (I) Tanks (J) 	D.	Incineration and/or (O and P)	Thermal Treatment
B	3. Surface Impoundments (K)4. Waste Piles (L)	E.	Chemical, Physical, Treatment (Q)	and Biological
c	• Landfills (N)			

 $\frac{\text{Note:}}{\text{IX and X of this form as appropriate.}}$ If facility is also a generator or transporter of hazardous waste complete sections

III. GENERAL FACILITY STANDARDS: (Part 265 Subpart B)

			Yes	No	NI*	Remark
(A)		the Regional Administrator notified regarding:				
	1.	Receipt of hazardous waste from a foreign source?	<u> </u>	<u>_</u>		NO WASTE REC'UD
	2.	Facility expansion?	••••••••••••••••••••••••••••••••••••••	~	 .	NO EXPANSION Presently
(B)	Gen	eral Waste Analysis:				
	1.	Has the owner or operator obtained a detailed chemical and physical analysis of the waste?	<u>/</u>			
	2.	Does the owner or operator have a detailed waste analysis plan on file at the facility?				
	3.	Does the waste analysis plan specify procedures for inspection and analysis of each movement of hazardous waste from off-site?				
(C)	Sec	urity - Do security measures include (if applicable)	! :			
	1	24-Hour surveillance?				
· .	2.	Artificial or natural barrier around facility?				
	3.	Controlled entry?	_			
	4.	Danger sign(s) at entrance?	<u>/</u>		 -	
(D)	Do Inc	Owner or Operator Inspections lude:	;			
-	1.	Records of malfunctions?				
	2.	Records of operator error?		_		
	3.	Records of discharges?		_		

...I. GENERAL FACILITY STANDARDS Continued

•	•		Yes	No	NI*	Remarks
•	4.	Inspection schedule?		***	***	
	5.	Safety, emergency equipment?		•	•••	Quarterly inspection
•	6.	Security devices?		***		
	7.	Operating and structural devices?				
	8.	Inspection log?		***		*********
(E)	Do inc	personnel training records clude: (Effective 5/19/81)				
	1.	Job titles?				
	2.	Job descriptions?				
	3.	Description of training?		***		
	4.	Records of training?	/			
	5.	Have facility personnel received required training by 5-19-81?		***	***	
·	6.	Do new personnel receive required training within six months?			***	ANNUAL REVIEW
(F)	rec	required are the following special uirements for ignitable, reactive, o compatible wastes addressed?	r			
	1.	Special handling?				
	2.	No smoking signs?			***	
	3.	Separation and protection from ignition sources?	_	¥	***	No ignition Sovices

IV. PREPAREDNESS AND PREVENTION: (Part 265 Subpart C)

(A)	Maintenance and Operation of Facility:	Von No NITH D
	Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?	Yes No NI* Remarks
(B)	If required, does the facility have the following equipment:	
	1. Internal communications or alarm systems?	- Paging system
	2. Telephone or 2-way radios at the scene of operations?	ADT Fire protect system
	3. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?	WOREHSE-IN ABO, 4 office, 6, Spain
	Indicate the volume of water and/or fo	
		-
(C)	Testing and Maintenance of Emergency Equipment:	
(C)		ANNUAL AUDIT
(C)	Emergency Equipment:1. Has the owner or operator established testing and maintenance procedures	ANNUAL AUDIT by independent fine Frot. consultant ADT Inspects sprinkler Systemmonthly

(E)		there adequate aisle space unobstructed movement?	_	<u>.</u>				
,		V. CONTINGENCY PLAN (Part 265				CEDURES:		
(A)	Does foll	s the Contingency Plan contain the lowing information:	Yes	No	NI*	Remarks		
	1.	The actions facility personnel must take to comply with §265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control, and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part (as applicable.)						4
	2.	Arrangements agreed by local police departments, fire departments hospitals, contractors, and State and local emergency response teams to coordinate emergency services pursuant to §265.37?				012 290	eement.	
. ·	3.	Names, addresses, and phone numbers (office and home) of all persons qualified to act as emergency coordinators?	-	/		No Hous	address 2	Dhoir f
	4.	A list of all emergency equipment at the facility which includes the location and physical description of each item on the list and a brief outline of its capabilities?						
	5.	An evacuation plan for facility personnel where there is a possibili that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes, and alternate evacuation routes?)	ty	<u>/</u>		no writt Small fac	en plan. luty war	éheuse

V. C	ON LINGENCY	PLAN	AND	EMERGENCY	PROCEDURES	_	Continued
------	-------------	------	-----	-----------	------------	---	-----------

		Yes No NI*	Remarks
(B)	Are copies of the Contingency Plan available at site and local emergency organizations?		in process
(C)	Emergency Coordinator		
	I. Is the facility Emergency Coordinator identified?		
	2. Is coordinator familiar with all aspects of site operation and emergency procedures?		
	3. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?		
(D)	Emergency Procedures		
	If an emergency situation has occurred at this facility, has the Emergency Coordinator followed the emergency procedures listed in 265.56?		No Emergency to days
	VI. MANIFEST SYSTEM, F (Part 26	RECORDKEEPING, AND F	REPORTING
		Yes No NI*	Remarks
(A)	Use of Manifest System		
	Does the facility follow the procedures listed in §265.71 for processing each manifest?		· · · · · · · · · · · · · · · · · · ·
	2. Are records of past shipments retained for 3 years?		
(B)	Does the owner or operator meet requirements regarding manifest discrepancies?	<u> </u>	

VI. RECORDKEEPING - Continued

(C)	Operat	ing Record		
	ma re	es the owner or operator intain an operating cord as required in 5.73?	<u> </u>	
	co	es the operating record - ntain the following formation:		
	**b.	The method(s) and date(s) of each waste's treatment, storage, or disposal as required in Appendix I?		quas recité shipped waste type, generator, dates
	С.	The location and quantity of each hazardous waste within the facility?	<u> </u>	
	***d•	A map or diagram of each cell or disposal area showing the location and quantity of each hazardous waste? (This information should be cross-referenced to specific manifest number, if waste was accompanied by a manifest.)	Na	
	e.	Records and results of all waste analyses, trial tests, monitoring data, and operator inspections?	<u>/</u>	•
	f.	Reports detailing all incidents that required implementation of the Contingency Plan?	<u>/</u>	Not reeded to date
	g.	All closure and post closure costs as applicable? (Effective 5-19-81)		
	•			

^{**} See page 33252 of the May 19, 1980, Federal Register.

^{***} Only applies to disposal facilities

VII. CLOSURE AND POST CLOSURE (Part 265 Subpart G)

			Yes	No	NI*	Remarks		
(A)	Clo	sure and Post Closure						
	1.	Is the facility closure - plan available for inspection by May 19, 1981?	_/	/ 				
	2.	Has this plan been submitted to the Regional Administrator		_		Not y	et requ	ired
	3.	Has closure begun?		/				
	4.	Is closure estimate available by May 19, 1981?	_					
(B)	Pos	t closure care and use of property						
	a p	the owner or operator supplied ost closure monitoring plan? fective by May 19, 1981)			·	<u>y</u> n		
		VIII. FACI (Part 265, Su USE AND MANAGEM	ibpart I		nru R)		i i	•
Faci	lity	Name: McKessen		Da	te of I	nspection:	3-24-	82
			Yes	No	NI*	Remarks		
	1.	Are containers in good condition?	_					
	2.	Are containers compatible with waste in them?	_					
	3.	Are containers stored closed?						
	4.	Are containers managed to prevent leaks?	_	*******				
	5.	Are containers inspected weekly for leaks and defects?	<u>/</u>					
	6.	Are ignitable & reactive wastes stored at least 15 meters (50 feet) from the facility property line? (Indicate if waste is ignitable or reactive.)	_/			= 70'f	row edge	ot storage

	100		162	NO	N1"	Remarks
	7.	Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply.)		/ 	***	No incompatible - solventorly Stored
	8.	Are containers of incompatible waste separated or protected from each other by physical barriers or sufficient distance?	1			No incompanions
		. /	J ANKS			
Faci	lity	Name: NA	-	Date	of Ins	pection:
	1.	Are tanks used to store only those wastes which will not cause corrosic leakage or premature failure of the tank?	on,	· <u> </u>		
,	2.	Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other contain#ment structures?				
	3.	Do continuous feed systems have a waste-feed cutoff?	40-40-20-		Die Ger-Apie	
	4.	Are waste analyses done before the tanks are used to store a substantially different waste than before?		***	***	•
	5.	Are required daily and weekly inspections done?			4	
	6.	Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)			-	
	7.	Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR 265.17(b) apply.)				

•					
		Yes	No	NI*	Remarks
3.	Has the owner or operator addressed the waste analysis requirements of 265.402?	**********			
4.	Are inspection procedures followed according to 265.403?	•			
5.	Are the special requirements fulfilled for ignitable or reactive wastes?				
6.	Are incompatible wastes treated? (If yes, 265.17(b) applies.)				
	hazardous waste or that generate, sto is a hazardous waste where such waste 402 or 307(b) of the Clean Water Act tanks, transport vehicles, vessels, o hazardous only because they exhibit t or are listed as hazardous wastes in Complete this section if the owner or hazardous waste that is subsequently s disposal.	waters (33 U. or cont he cor Subpar IX operat hipped	s are s S.C. 1 ainers rosivi t D of or of	ubject 251 et which ty char 40 CFF a TSD f ite for	to regulation under Sections seq.) and (2) neutralization neutralize wastes which are racteristic under 40 CFR §261.2 Part 261 only for this reason
	1. MANIFE	ST REC	<u>UIREME</u>	<u>INTS</u>	
(A)	Does the operator have copies of the manifest available for review?	Yes	No —	NI*	Remarks
(B)	Do the manifest forms reviewed contain the following information: (If possible, make copies of, or record information from, manifest(s) that do not contain the critical elements)				
	1. Manifest document number?	<u>/</u>		· ,	
	 Name, mailing address, telephone number, and EPA ID Number of Generator 	· /			

			res	NO	MI.	Remarks
	3.	Name and EPA ID Number of Transporter(s)?	_	·		
,	4.	Name, address, and EPA ID Number of Designated permitted facility and alternate facility?				
	5.	The description of the waste(s) (DOT shipping name, DOT hazard class, DOT identification number)?				
	6.	The total quantity of waste(s) and the type and number of containers loaded?	<u>/</u>			
	7.	Required certification?	_			
	8.	Required signatures?	_			
(C)		s the owner or operator submit eption reports when needed?	/			NOT NEEded to date
		2. PRE-TRANSPO	RT R	EQUIRE	MENTS	•
(A)	wit (Re	waste packaged in accordance h DOT Regulations? quired prior to movement of ardous waste off-site)	<u>/</u>	_	_	
(B)	in con (Re	waste packages marked and labeled accordance with DOT regulations cerning hazardous waste materials? quired to movement of hazardous te off-site)	<u> </u>			
(C)		required, are placards available transporters of hazardous waste?			******	

$\underline{\text{Omit}}$ Section 3 if the facility has interim status and its Part A permit application describes $\underline{\text{storage}}$

3. On Site Accumulation

		Yes	No	NI*	Remarks			•
1.	Are containers marked with start of accumulation date?				STORAGE	FAC	icity	
2.	Are the containers of hazardous waste removed from installation before they can accumulate for more than 90 days?					1	}	
3.	Are wastes stored in containers managed in accordance with 40 CFR Part 265.174 and 265.176 (weekly inspections of containers, containers holding ignitable or reactive wastes located at least 15 meters (50 Feet) from facility's property line?							
4.	If wastes are stored in tanks, are the tanks managed according to the following requirements?							
	a. Are tanks used to store only those wastes which will not cause corrosion leakage or premature failure of the tank?					i i		
	b. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, dikes, or other containment structures?							
	c. Do continuous feed systems have a waste-feed cutoff?	· .						
	d. Are required daily and weekly inspections done?	<u> </u>						
	e. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If waste is rendered non-reactive or non-ignitable, see treatment requirements?		7107					
	f. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR §265.17(b) apply)		·					vel

VI. RECORDKEEPING and REPORTING (Part 262, Subpart D)

,			Yes	No	NI*	Remarks
(A)	Excepresul	Manifests, Annual Reports, otion Reports, and all test - lts and analyses retained for east three years?	<u>/</u>			
(B)	Annua	the generator submitted al Reports and Exception rts as required?			· 	Not yet regulared
		VII. INTERNA (Part 262	TIONA , Sub	L SHII	PMENTS E)	O .
- ,	Has tor ex	the installation imported xported Hazardous Waste?			/	
		(If answered Yes, complete the f	ollow	ring as	s appli	cable.)
	1. E	Exporting Hazardous waste, nas a generator:		•		
		Notified the Administrator in writing?	NA		4	•
	· b	Obtained the signature of the foreign consignee confirming delivery of the waste(s) in the foreign country?	1			
	. С	. Met the Manifest requirements?	1			
		Importing Hazardous Waste, has the generator:				
	•	Met the manifest requirements?	*		 -	-

TRANSPORTER REQUIREMENTS 40 CFR Part 263

Complete this Section if the owner or operator transports hazardous waste.

I. MANIFEST SYSTEM AND RECORDKEEPING (Subpart B)

			Yes M	No	NI*	Remarks		,
	Are copies of the completed manifests or shipping paper(s) available for review and retained for three years?		Na	·	———			
	<u>II.</u>	INTERNAT	IOINAL	SHIP	MENTS	•		
Α.	Does the transporter record on the manifest the date the waste left U.S.?	the	***************************************					
В.	Are signed completed manifest(s) on file?			 -				
		V. MIS	CELLANE	<u>EOUS</u>				
Α.	Does transporter transport hazardous waste into the U.S. from abroad?	• .					·	
В.	Does the transporter mix hazardous waste of different DOT shipping descriptions by placing them into a single container?				~ 	· ·		

NOTE: If (A) or (B) were answered "Yes" then the Transporter is also a Generator and must comply with the Generator regulations.

*Not Inspected

REMARKS

Use this section to briefly describe site activities observed at the time of the inspection. Note any possible violations of Interim Status Standards.

This sites basic activity is that of a warehoose distribution facility of Mc Kesson products. The hazardous waste activity results from the site's accepting of waste solvent from customers which is stored until shipmend to another Mc Kesson site for recycling I disposar. The site is also considered a generator and as such is required to complete new manifests for wastes which are shipped. The US EPA HW. numbers for these wastes are FOOL, FOO3, FOO5. Wastes stored on site are all maintained properly, in 55 gal droms. The storage are is a portion of a drum storage pad, concrete based and tenced. The H.W. is stored on the N.E. Portion of the Pad w/ the remainder used for Virgin Material.

The following deficiencies in RCRA compliance were determined as the result of the inspection of Operator Inspection! Lacking Records of a) melfunctions, b) operator error, c) discharges. O Contingency plan: backing a) home phone #s & Address of Emergency coordinators and b) plan was not on file with local Emergency response teams. All other requirements appeared to be fulfilled at the time of this inspection.

PRC Environmental Management, Inc. 233 North Michigan Avenue Suite 1621 Chicago, IL 60601 312-856-8700 Fax 312-938-0118



PRELIMINARY ASSESSMENT/ VISUAL SITE INSPECTION

VAN WATERS & ROGERS FACILITY SCHAUMBURG, ILLINOIS

ILD 000 819 938

FINAL REPORT

Prepared for

U.S. ENVIRONMENTAL PROTECTION AGENCY Office of Waste Programs Enforcement Washington, DC 20460

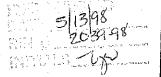
Work Assignment No. C05087 **EPA** Region Site No. ILD 000 819 938 Date Prepared February 3, 1993 Contract No. 68-W9-0006 PRC No. 009-C05087IL6V Contractor Project Manager Shin Ahn Telephone No. (312) 856-8700 Prepared By Dynamac Corporation (Deborah Hall) Telephone No. (312) 466-0222 EPA Work Assignment Manager: Kevin Pierard Telephone No. (312) 886-4448

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ENFORCEMENT CONFIDENTIAL

EXECUTIVE SUMMARY

Dynamac Corporation (Dynamac) performed a preliminary assessment and visual site inspection (PA/VSI) to identify and assess the likelihood of releases from solid waste management units (SWMU) and other areas of concern (AOC) at the Van Waters & Rogers, Inc. (VWR), facility in Schaumburg, Illinois. This summary highlights the results of the PA/VSI and the potential releases of hazardous wastes or hazardous constituents from SWMUs and AOCs identified. In addition, a completed U.S. Environmental Protection Agency (EPA) Preliminary Assessment Form (EPA Form 2070-12) is included in Attachment A to assist in prioritization of RCRA facilities for corrective action.

The VWR facility is a wholesale chemical warehouse and distribution center. The facility supplies industrial chemicals to off-site customers. VWR does not conduct any on-site treatment or disposal activities, or manufacturing or processing activities at the facility. The majority of the wastes managed at the facility consist of a variety of hazardous waste solvents generated by off-site customers. On an intermittent basis, the facility also manages damaged or off-specification products that cannot be returned to the manufacturer or sold as downgraded products.

The hazardous waste solvents managed at the facility in 1991 included spent 1,1,1-trichloroethane (TCA) (F001, F002); spent methylene chloride (F002); spent flammable liquid with mineral spirits and TCA (F002); spent flammable liquid with glycol ethers (F002); spent flammable liquid with trichlorotrifluoroethane (F002); spent oil with combustible liquid (F002); spent perchloroethylene (F001); spent flammable liquid with acetone and tetrachloroethylene (PCE) (F001, F003, D001, D039); spent hazardous waste liquid with trichlorofluoromethane (F001); spent flammable liquid with toluene and xylene (F003, F005); spent flammable liquid with acetone and toluene (D001, F003, F005); waste combustible liquid with polyalkaline glycol and oil (D001); waste flammable liquid with isophthalic acid and 1-methoxy-2-propanol (D001); waste flammable liquid with isophthalic acid and 1-methoxy-2-propanol (D001); and waste flammable liquid with isopropanol (D001). Dynamac notes the wastes codes listed above are those assigned by the facility; some of these wastes were likely to have exhibited an ignitable characteristic (D001). VWR last managed damaged or off-specification product waste at the facility in 1988; during that year, the facility managed unused TCA (U226) as hazardous waste.

McKesson Chemical Company (McKesson) began operations at this location in 1980. VWR purchased McKesson and the facility in 1986. The facility currently employs approximately 21 persons, 7 of whom work in the warehouse area. The facility consists of a single building of approximately 50,500 square feet, an adjoining 11,100-square-foot outdoor raw material storage area along the east side of the building, and a 12,600-square-foot parking lot along the south side of the building. The facility is currently regulated as a transporter and RCRA Interim Status storage facility. According to Jim Hooper, Regulatory Manager, VWR, the facility plans to undergo RCRA closure of its interim status Container Storage Area (SWMU 1) prior to November 1992.



The PA/VSI identified the following two SWMUs at the facility:

1. Container Storage Area

2. Warehouse Storage Area

The PA/VSI did not identify any AOCs at the facility.

The potential for a release to the ground water, surface water, on-site soils, and the air from either SWMU is low. SWMU 1 is located outside in the northeast corner of the concrete outdoor raw material storage area. The unit consists of a designated 384-square-foot portion of the concrete pad and stores waste in closed 55-gallon drums and 350-gallon portable steel containers. The unbermed concrete pad has no visible cracks and slopes toward a closed drain located in the center of the outdoor raw material storage area. SWMU 2 consists of a 200-square-foot concrete area located inside the warehouse on a concrete floor with no floor drains and manages waste on an intermittent basis in closed containers. There is no history of documented releases at the facility.

Ground water in the area of the facility is not used as an industrial or drinking water source. According to Dave Varner, Utilities Superintendent, Schaumburg Department of Public Works, the City of Schaumburg obtains its drinking water from Lake Michigan; there are no active ground water wells in the city. However, the city does maintain seven bedrock ground water wells for emergency backup, should they be necessary. The nearest of these wells is located one mile northeast and upgradient of the facility, and draws from a confined deep bedrock aquifer. A release to ground water would not be likely to impact any human or environmental receptors.

The nearest surface water body, Salt Creek, is located about three-quarter mile northeast of the facility. Salt Creek is used for fishing, as well as for some industrial uses. Industrial uses for Salt Creek include non-contact cooling water discharge and treated sanitary water discharge. Salt Creek is not used for drinking water purposes. Other surface water bodies in the area include numerous intermittent streams, and an approximately 15-acre man made pond located about one-half mile north of the facility.

The nearest wetland consists of a seasonally flooded marsh area approximately 10 acres in size. This wetland is located approximately one-eighth mile northwest of the facility. There are numerous other seasonally and semi-permanently flooded wetlands ranging in size from approximately two acres to twenty-five acres which are located within two miles of the facility.

Access to the facility's outdoor raw material storage area, where the Container Storage Area (SWMU 1) is located, is controlled by an eight-foot high chain-link fence. The facility's warehouse and office area are closed structures with locking doors. The nearest residences are located approximately two-thirds of a mile northeast of the facility. The

nearest school, Harper College, is located approximately one mile northwest of the facility. The nearest primary school, Twinbrook School, is located approximately one and one-quarter miles south of the facility. There are three other schools located within two miles of the facility.

Dynamac recommends VWR complete RCRA closure of the Container Storage Area (SWMU 1) according to an approved closure plan prior to November 8, 1992.

DATE 5/13/98 PIN 6 2039-98 JINITALO-4/3

ENFORCEMENT CONFIDENTIAL

1.0 INTRODUCTION

PRC Environmental Management, Inc. (PRC), received Work Assignment No. C05087 from the U.S. Environmental Protection Agency (EPA) under Contract No. 68-W9-0006 (TES 9) to conduct preliminary assessments (PA) and visual site inspections (VSI) of hazardous waste treatment and storage facilities in EPA Region 5. PRC assigned Dynamac Corporation (Dynamac), its TES 9 subcontractor, to conduct the PA/VSI for the Van Waters & Rogers, Inc. (VWR), facility in Schaumburg, Illinois.

As part of the EPA Region 5 Environmental Priorities Initiative, the RCRA and CERCLA programs are working together to identify and address RCRA facilities that have a high priority for corrective action using applicable RCRA and CERCLA authorities. The PA/VSI is the first step in the process of prioritizing facilities for corrective action. Through the PA/VSI process, enough information is obtained to characterize a facility's actual or potential releases to the environment from solid waste management units (SWMU) and areas of concern (AOC).

A SWMU is defined as any discernible unit at a RCRA facility in which solid wastes have been placed and from which hazardous constituents might migrate, regardless of whether the unit was intended to manage solid or hazardous waste.

The SWMU definition includes the following:

- RCRA-regulated units, such as container storage areas, containers, surface impoundments, waste piles, land treatment units, landfills, incinerators, and underground injection wells
- Closed and abandoned units
- Recycling units, waste water treatment units, and other units that EPA has generally exempted from standards applicable to hazardous waste management units
- Areas contaminated by routine and systematic releases of wastes or hazardous constituents. Such areas might include a wood preservative drippage area, a loading-unloading area, or an area where solvent used to wash large parts has continually dripped onto soils.

An AOC is defined as any area where a release to the environment of hazardous waste or constituents has occurred or is suspected to have occurred on a non-routine and nonsystematic basis. This includes any area where such a release in the future is judged to be a strong possibility.

The purpose of the PA is as follows:

- Identify SWMUs and AOCs at the facility.
- Obtain information on the operational history of the facility.
- Obtain information on releases from any units at the facility.
- Identify data gaps and other informational needs to be filled during the VSI.

The PA generally includes review of all relevant documents in files located at state offices and at the EPA Region 5 office in Chicago.

The purpose of the VSI is as follows:

- Identify SWMUs and AOCs not discovered during the PA.
- Identify releases not discovered during the PA.
- Provide a specific description of the environmental setting.
- Provide information on release pathways and the potential for releases to each medium.
- Confirm information obtained during the PA regarding operations, SWMUs, AOCs, and releases.

The VSI includes interviewing appropriate facility staff, inspecting the entire facility to identify all SWMUs and AOCs, photographing all SWMUs, identifying evidence of releases, initially identifying potential sampling locations, and obtaining all information necessary to complete the PA/VSI report.

This report documents the results of the PA/VSI of the VWR facility located in Schaumburg, Illinois, EPA ID No. ILD 000 819 938. The PA was completed on March 25, 1992. Dynamac gathered and reviewed information from files at the Division of Land Pollution Control and the Division of Water Pollution Control at the Illinois Environmental Protection Agency (IEPA) Springfield, Illinois, office and from EPA Region 5 RCRA files. In addition, Dynamac gathered information from maps published by the U.S. Geological Survey (USGS) and the U.S. Department of the Interior (USDI).

Joseph Weslock and Deborah Hall of Dynamac conducted the VSI on April 8, 1992. The VSI included an interview with James Hooper, Regulatory Manager, and John Tobin, Area Operations Manager, both of VWR. The VSI also included a walk-through inspection of the facility. Dynamac identified two SWMUs and no AOCs during the PA/VSI. Dynamac completed EPA Form 2070-12 using information gathered during the PA/VSI. This form is included in Attachment A. The VSI is summarized along with 1 inspection photograph in Attachment B. Field notes from the VSI are included in Attachment C.

2.0 FACILITY DESCRIPTION

This section describes the facility's location, past and present operations (including waste management practices), waste generating processes, history of documented releases, regulatory history, environmental setting, and receptors.

2.1 FACILITY LOCATION

The VWR facility is located at 2055 Hammond Drive in Schaumburg, Cook County, Illinois (latitude 42° 04' 00" N and longitude 88° 02' 18" W) (McKesson, 1980c), as shown in Figure 1. The facility occupies approximately two and three-quarter acres of land in an industrial park.

The VWR facility is bordered on the west by Hammond Drive, on the east by a low-lying, grassy area, on the north by the A.I.T. Company, and on the south by the Seivert Corporation.

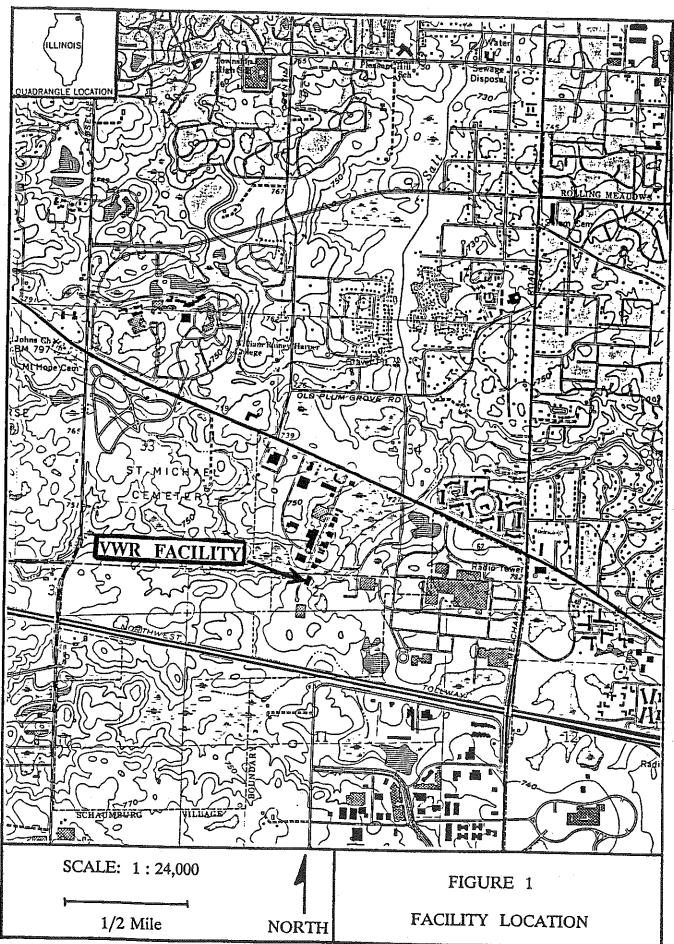
2.2 FACILITY OPERATIONS

The VWR facility is a wholesale chemical warehouse and distribution center. The facility supplies industrial chemicals to off-site customers. In addition, VWR accepts, stores, and transports certain hazardous waste solvents generated by off-site customers. Wastes managed at the facility consist of a variety of waste solvents generated by off-site customers and damaged or off-specification products that cannot be returned to the manufacturer or sold as downgraded products. The type of hazardous waste solvents and damaged or off-specification products which are managed as wastes by the facility varies depending on the needs of the facility's customers. VWR does not conduct any on-site treatment or disposal activities, or manufacturing or processing activities at the facility.

In 1980, the McKesson Chemical Company built the facility and began chemical warehousing and distribution operations. Prior to the construction of the warehouse the land was used for agricultural purposes. In November 1986, VWR purchased the McKesson Chemical Company and this facility. There were no operational changes.

The facility currently employs approximately 21 persons, 7 of whom work in the warehouse area. The facility occupies an approximately two and three-quarter-acre parcel which includes a single building of approximately 50,500 square feet, and an adjoining 11,100-square-foot outdoor raw material storage area along the east side of the building. There is a 12,600-square-foot parking lot along the south side of the building. The outdoor raw material storage area is surrounded by an eight-foot high chain-link fence (See Photo No. 1).

The facility's waste streams are managed in two SWMUs. Waste solvents are stored outside in the Container Storage Area (SWMU 1). Damaged or off-specification products which are managed as wastes by the facility are stored indoors in the Warehouse Storage Area (SWMU 2). Facility SWMUs are identified in Table 1. The facility layout, including SWMU locations, is shown in Figure 2.

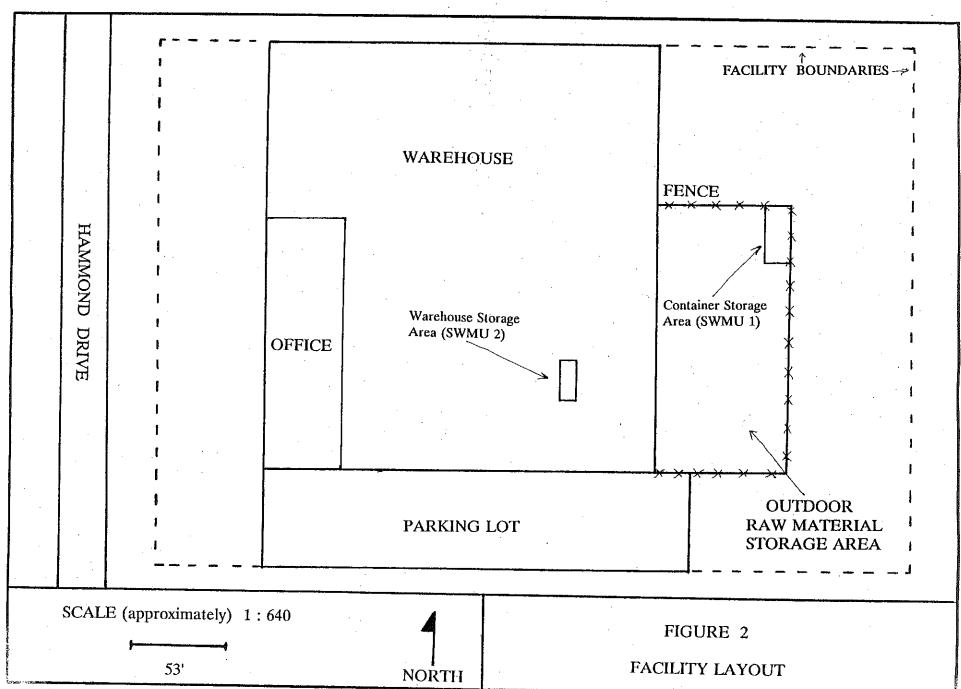


Source: modified from USGS, 1961

TABLE 1 SOLID WASTE MANAGEMENT UNITS (SWMU)

SWMU Number	SWMU Name	RCRA Hazardous Waste Management Unit*	Status
1	Container Storage Area	Yes	Active for greater than 90-day storage of hazardous waste
2	Warehouse Storage Area	No	Active for storage of nonhazardous waste and less than 90-day storage of hazardous waste**

- A RCRA hazardous waste management unit is one that currently requires or formerly required submittal of a RCRA Part A or Part B permit application.
- ** Although this unit has not been used to manage waste since 1988, this unit remains active to manage damaged and off-specification product waste as it is generated.



2.3 WASTE GENERATING PROCESSES

The primary waste stream managed at the VWR facility is hazardous waste solvent generated off site by VWR customers. VWR collects and manages the hazardous waste solvents as a service to its customers. The hazardous waste solvents managed at the facility can be grouped into three categories: waste chlorinated solvents, waste non-chlorinated solvents, and waste ignitable solvents. On an intermittent basis, the facility also generates waste consisting of damaged or off-specification products that cannot be returned to the manufacturer or sold as downgraded products. Wastes managed at the facility are discussed below and are summarized in Table 2. Annual generation rates presented for the hazardous waste solvents are based on 1991 waste generation data. The facility last managed damaged or off-specification products as a waste in 1988; annual generation rates presented for this waste are based on 1988 waste generation data.

VWR transports hazardous waste solvents from off-site customers in 55-gallon drums and 350-gallon portable containers, and stores the wastes in the Container Storage Area (SWMU 1) prior to shipment off site for disposal. The volume of each hazardous waste solvent managed by the VWR facility varies depending on the customer's waste generation rate. During 1991, VWR managed a total of 21,861 gallons of hazardous waste solvents at the facility (VWR, 1992). In addition to its own trucks, VWR uses numerous off-site carriers to transport these wastes from the facility to a variety of licensed Treatment, Storage, Disposal (TSD) facilities. The carriers VWR uses most frequently include Burren Transfer Company in Elgin, Illinois; Chem Freight in Cleveland, Ohio; GSX Chemical Services, Inc., in Columbia, South Carolina; HazMat Environmental Group, Inc., in Buffalo, New York; M C Tank Transport in Hamilton, Ohio; Metropolitan Environmental, Inc., in Celina, Ohio; and Schneider Tank Lines in Green Bay, Wisconsin.

In 1991, the VWR facility stored a total of 3,500 gallons of waste chlorinated solvents in the Container Storage Area (SWMU 1). This volume included 1,090 gallons of spent 1,1,1-trichloroethane (TCA) (F001, F002); 605 gallons of spent methylene chloride (F002); 110 gallons of spent flammable liquid with mineral spirits and TCA (F002); 220 gallons of spent flammable liquid with glycol ethers (F002); 100 gallons of spent flammable liquid with trichlorotrifluoroethane (F002); 55 gallons of spent oil with combustible liquid (F002); 770 gallons of spent perchloroethylene (F001); 440 gallons of spent flammable liquid with acetone and tetrachloroethylene (PCE) (F001, F003, D001, D039); and 110 gallons of spent hazardous waste liquid with trichlorofluoromethane (F001) (VWR, 1992). Dynamac notes the waste codes listed are those assigned by the facility; some of these wastes were likely to have exhibited an ignitable characteristic (D001). Waste chlorinated solvents are primarily transported off site by one of the above-mentioned carriers to a TSD facility owned by Chemical Waste Management in West Carrolltan, Ohio, for fuel blending or recycling.

Waste/EPA Waste Code	Generation Rate ^a	Source	Primary Management Unit b
Waste Chlorinated Solvents		•	
Spent TCA/F001,F002	1090 gallons	Off-Site Customers	1
Spent Methylene Chloride/ F002	605 gallons	Off-Site Customers	1
Spent Flammable Liquid with Mineral Spirits and TCA/F002	110 gallons	Off-Site Customers	1
Spent Flammable Liquid with Glycol Ethers/F002	220 gallons	Off-Site Customers	1
Spent Flammable Liquid with Trichlorotrifluoroethane/F002	100 gallons	Off-Site Customers	1
Spent Oil with Combustible Liquid/F002	55 gallons	Off-Site Customers	1
Spent Perchloroethylene/	770 gallons	Off-Site Customers	1
Spent Flammable Liquid with Acetone and PCE/F001, F003, D001, D039	440 gallons	Off-Site Customers	1
Spent Hazardous Waste Liquid with Trichlorofluoromethane/F001	110 gallons	Off-Site Customers	1

Generation rates are based on the quantity of waste managed at the facility in 1991.

Primary management unit refers to the SWMU that currently manages or formerly managed the waste.

TABLE 2 (continued) SOLID WASTES

Waste/EPA Waste Code	Generation Rate ^a	Source	Primary Management Unit b
Waste Non-Chlorinated Solven	<u>ts</u>		
Spent Flammable Liquid with Toluene and Xylene/F003, F005	4,504 gallons	Off-Site Customers	1
Spent Flammable Liquid with Acetone and Toluene/D001, F003, F005	3,737 gallons	Off-Site Customers	1
Waste Iqnitable Solvents			
Combustible Liquid with Polyalkaline Glycol and Oil/D001	2,550 gallons	Off-Site Customers	1
Flammable Liquid with Isophthalic Acid and 1-Methoxy-2-Propanol/D001	1,045 gallons	Off-Site Customers	1
Flammable Liquid with Aliphatic Naphtha/D001	275 gallons	Off-Site Customers	1
Flammable Liquid with Oil/D001	4,235 gallons	Off-Site Customers	1
Flammable Liquid with Isopropanol/D001	2,015 gallons	Off-Site Customers	1
Damaged and Off-Specificatio Product Waste	n —		
Unused TCA/U226	55 gallons	Damaged or Off- Specification Product	2

Generation rates are based on the quantity of waste managed at the facility in 1991, with the exception of the damaged and off-specification product waste, which was last managed at the facility in 1988.

b Primary management unit refers to the SWMU that currently manages or formerly managed the waste.

In 1991, the VWR facility stored a total of 8,241 gallons of waste non-chlorinated solvents in the Container Storage Area (SWMU 1). This volume included 4,504 gallons of spent flammable liquid with toluene and xylene (F003, F005) and 3,737 gallons of spent flammable liquid with acetone and toluene (D001, F003, F005) (VWR, 1992). Dynamac notes the waste codes listed for these wastes are those assigned by the facility; some of these wastes were likely to have exhibited an ignitable characteristic (D001). Waste non-chlorinated solvents are primarily transported off site by one of the above-mentioned carriers to the Laidlaw Environmental Services (Laidlaw) facility in Pecatonica, Illinois. This facility serves as a transfer station for the wastes; these wastes are either incinerated, recycled, or fuel blended.

In 1991, the VWR facility stored a total of 10,120 gallons of waste ignitable solvents at the Container Storage Area (SWMU 1) including 2,550 gallons of combustible liquid with polyalkaline glycol and oil (D001); 1,045 gallons of flammable liquid with isophthalic acid and 1-methoxy-2-propanol (D001); 275 gallons of flammable liquid with aliphatic naphtha (D001); 4,235 gallons of flammable liquid with oil (D001); and 2,015 gallons of flammable liquid with isopropanol (D001) (VWR, 1992). Waste ignitable solvents are primarily transported off site by one of the aforementioned carriers to a TSD facility owned by Systech in Pauling, Ohio, for fuel blending.

Damaged product is generated at the facility when containers of product are damaged during shipping or warehouse operations. Off-specification product is generated when a product does not meet the standards required for its use and/or the product is not sold in a timely manner. Damaged or off-specification products which cannot be returned to the manufacturer or sold as downgraded products are managed as wastes by the facility. The damaged and off-specification product waste, both hazardous and nonhazardous, is managed in the Warehouse Storage Area (SWMU 2), located in the southeast corner of the warehouse. The facility generates this waste only intermittently. There was no waste being managed in this unit at the time of the VSI, and the facility did not manage any waste at this unit in 1991. The last time the facility used this unit to manage damaged and off-specification product waste was in 1988. During 1988, the facility stored one 55-gallon drum of unused TCA (U226) as waste for less than 90 days at SWMU 2 prior to transporting the waste off site. Safety-Kleen Corporation transported the waste to its TSD facility in Dolton, Illinois, for recycling.

When the facility manages a nonhazardous damaged and off-specification product waste at this unit, the facility uses one of the previously mentioned carriers to transport the waste off site to the TSD facility owned by Laidlaw in Pecatonica, Illinois. This TSD facility serves as a transfer station for the waste.

2.4 HISTORY OF DOCUMENTED RELEASES

There was no history of documented releases at the facility available in federal, state, or facility files at the time of the PA/VSI.

2.5 REGULATORY HISTORY

On August 14, 1980, McKesson submitted a Notification of Hazardous Waste Activity (Notification) identifying the facility as a generator and transporter of hazardous wastes (McKesson, 1980a). On November 10, 1980, McKesson submitted a subsequent Notification identifying the facility as a generator, transporter, and storage facility (McKesson, 1980b). On November 13, 1980, McKesson submitted a Part A Interim Status Permit Application (Part A) identifying the facility as a storage facility. The Part A identified a Container Storage Area (SWMU 1) located in the north east corner of the facility's outdoor raw material storage area and stated the facility annually stored a total of 261,000 pounds of F001 waste; 70,000 pounds of F003 waste; and 37,000 pounds of F005 waste (McKesson, 1980c).

On October 31, 1986, when VWR purchased McKesson and the facility, VWR submitted a subsequent Notification identifying the facility as a generator and transporter of hazardous wastes (VWR, 1986a). On that same date, VWR submitted a revised Part A identifying the facility as a storage facility. The revised Part A identified the facility's Container Storage Area (SWMU 1) as having a container storage capacity (S01) of 6,600 gallons. The revised Part A indicated the facility annually stored a total of 55,000 pounds of F001 waste; 55,000 pounds of F002 waste; 250,000 pounds of F003 waste; 10,000 pounds of F005 waste; and 50,000 pounds of D001 waste (VWR, 1986b). The facility is currently regulated as a transporter and RCRA Interim Status storage facility.

According to James Hooper of VWR, the facility plans to undergo RCRA closure of the Container Storage Area (SWMU 1) by November 1992. However, the facility did not have an approved closure plan at the time of the VSI. The Warehouse Storage Area (SWMU 2) does not require RCRA closure as it has never been used to store waste for greater than 90 days.

In the past, the VWR facility had some RCRA compliance problems. These violations, observed during a series of IEPA inspections between 1982 and 1988, pertained mainly to deficiencies in paperwork such as contingency plans, waste analysis plans, and inspection logs (IEPA, 1982, 1986a, 1986b, and 1988a). In addition, the facility received a Notice of Violation (NOV) during a 1988 inspection for failing to identify contents and to mark accumulation dates on all containers entering storage (EPA, 1988). The facility resolved the NOV and other violations; there were no apparent violations at the facility during a 1990 IEPA inspection (IEPA, 1988b, 1990).

The facility is not currently required to have any air permits or a National Pollutant Discharge Elimination System permit, and there are no underground storage tanks at the facility. There is no history of complaints about the facility, nor has there been any Superfund activity at the facility.

2.6 ENVIRONMENTAL SETTING

This section describes the climate, flood plain and surface water, geology and soils, and ground water in the vicinity of the VWR facility.

2.6.1 Climate

The VWR facility is located approximately 10 miles northwest of O'Hare International Airport, the nearest National Weather Service office. The climate in this area is continental with cold winters and warm summers. Lake Michigan, located about 18 miles east of the facility, has a moderating influence on temperature extremes. The average annual daily temperature is 49.2° fahrenheit (F). The highest average daily temperature is 73.0° F in July, and the lowest average daily temperature is 21.4° F in January. Mean annual precipitation is 33.34 inches (NOAA, 1990). Mean annual lake evaporation is approximately 30 inches and net annual precipitation is approximately 3 inches. The one-year 24-hour maximum rainfall is approximately 2.4 inches (NOAA, 1979). Average wind speed and direction is west-southwest at 10 miles per hour. The wind is strongest in April, at an average speed of 12 miles per hour from the west-southwest (NOAA, 1990).

2.6.2 Flood Plain and Surface Water

The VWR facility is located in an area of minimal flooding outside the 100-year flood plain of any surface water body (FEMA, 1982). The nearest surface water body is Salt Creek, located about three-quarters mile northeast of the facility (USGS, 1961). Salt Creek is used for fishing, as well as for some industrial uses. Industrial uses for Salt Creek include non-contact cooling water discharge and treated sanitary water discharge. Salt Creek is not used for drinking water (IEPA, 1992).

Surface water drainage at the west half of the facility is toward a storm drain in a ditch along Hammond Avenue which discharges to the sanitary sewer. Surface water drainage at the east half of the facility is toward a swale located east of the facility which extends to a 10-acre wetland approximately one-quarter mile northeast of the facility. Surface water runoff from the outdoor raw material storage area and SWMU 1 is collected by a closed drain located in the center of the area (USDI, undated). All floor drains located indoors at the facility discharge to the sanitary sewer.

Other surface water bodies within two miles of the facility include numerous intermittent streams, and a 15-acre manmade pond located approximately one-half mile north of the facility (USDI, undated). A representative of the Schaumburg City Hall stated most ponds in the area are used for fishing, but could not be specific about the aforementioned pond (SCH, 1992).

The nearest wetland consists of a 10-acre seasonally flooded marsh area. The area is located approximately one-eighth mile northwest of the facility. There are numerous other seasonally and semi-permanently flooded ponds and marshes which vary in size from 5 to 15 acres located within two miles of the facility (USDI, undated).

2.6.3 Geology and Soils

The soils of the VWR facility are mapped as Grays silt loam and Sawmill silty clay loam. Grays silt loam is a deep, moderately well drained, moderately permeable soil formed on outwash plains. Sawmill silty clay loam is a deep, poorly drained, moderately permeable soil formed in alluvial material along upland drainageways (SCS, 1979).

The surficial deposits in the area around the VWR facility are mapped as glacial deposits of Wadsworth Till forming the Valparaiso Moraine. The Wadsworth Till is a gray clayey till with few cobbles and boulders (Lineback, 1979). Other till units as well as sands and gravels may underlie the Wadsworth Till. The surficial deposits at the VWR facility are approximately 165 feet in thickness (Willman, 1971).

The bedrock underlying the glacial deposits at the VWR facility is Silurian-age Edgewood Dolomite, which is the basal formation of the Silurian dolomite in Illinois and consists of white, gray, or tan dolomite which becomes increasingly shaley near the base. This dolomite is approximately 50 feet thick. Underlying the dolomite is the Ordovician-age Maquoketa Shale. The Maquoketa Shale is red and oolitic near the top, and gray green, with some interbedded shaley limestone, with increasing depth. The Maquoketa Shale is approximately 200 feet thick. Underlying the Maquoketa Shale are several thousand feet of Ordovician-age and Cambrian-age limestones and sandstones (Willman, 1971).

2.6.4 Ground Water

No ground water information specific to the VWR facility was available at the time of the PA/VSI. There is no available information on possible aquifers in the surficial unconsolidated deposits. There are two bedrock aquifers underlying the region of the VWR facility: a shallow bedrock aquifer and a deep bedrock aquifer. The shallow bedrock aquifer is the Silurian dolomite. This aquifer is an artesian aquifer that leaks upwards in much of the area because the overlying clayey till is an imperfect confining layer. Regional groundwater flow in this area is east and southeast and measured hydraulic conductivities average 1 x 10⁻⁴ centimeters per second. The deep bedrock aquifer underlies the Maquoketa Shale and comprises the Ordovician-age and Cambrian-age dolomites and sandstones. The Maquoketa shale serves as a confining layer over the deep bedrock aquifer (Hughes, Kraatz, and Landon, 1966). Ground-water flow direction in the deep bedrock aquifer is regionally to the east (Schicht, Adams, and Stall, 1976).

According to Dave Varner, Utilities Superintendent, Schaumburg Department of Public Works, the City of Schaumburg maintains seven ground water wells for emergency backup, should they become necessary. The nearest of these wells is located one mile northeast of the facility and draws from sandstone in the confined deep bedrock aquifer. Each of the other of these wells draws from limestones and sandstones in the deep bedrock aquifer at depths ranging from about 500 feet to 1,800 feet (SDPW, 1992).

2.7 RECEPTORS

The VWR facility occupies approximately two and three-quarter acres in an industrial area in Schaumburg, Illinois, which had a 1991 population of 68,586 persons (SCH, 1992).

The facility is bordered on the west by Hammond Drive, on the east by a low lying, grassy area, on the north by the A.I.T. Company, and on the south by the Seivert Corporation. The nearest residences are located approximately two-thirds of a mile northeast of the facility. The nearest school, Harper College, is located approximately one mile northwest of the facility. The nearest primary school, Twinbrook School, is located approximately one and one-quarter miles south of the facility. There are three other schools located within two miles of the facility (USGS, 1961). Access to the facility's outdoor raw material storage area, where the Container Storage Area (SWMU 1) is located, is controlled by an eight-foot high chain-link fence. The facility's warehouse and office area are closed structures with locking doors.

The nearest surface water body, Salt Creek, is located about three-quarters of a mile northeast of the facility (USGS, 1961). Salt Creek is used for fishing, as well as for some industrial uses. Industrial uses for Salt Creek include non-contact cooling water discharge from various facilities and treated sanitary water discharge (IEPA, 1992). Salt Creek is not used for drinking water purposes (SDPW, 1992). Other surface water bodies in the area include numerous intermittent streams, and an approximately 15-acre manmade pond located approximately one-half mile north of the facility (USDI, undated). A representative from Schaumburg City Hall stated most ponds in the area are used for fishing, but could not be specific about the aforementioned pond (SCH, 1992).

Ground water in the area of the facility is not used as an industrial or drinking water source. According to Dave Varner, Utilities Superintendent, Schaumburg Department of Public Works, the city maintains seven ground water wells for emergency backup; the nearest of these wells is located one mile northeast of the facility and draws from a confined deep aquifer (SDPW, 1992). There is no recharge to the confined aquifer from the ground surface in this area. Therefore a release to ground water would not be likely to impact any human receptors.

The nearest downgradient wetlands include two seasonally flooded marsh areas approximately two acres each in size. These wetlands are located approximately one-eighth of a mile southeast of the facility. The nearest upgradient wetlands include a seasonally flooded marsh area located one-eighth of a mile northwest of the facility and a semi-permanently flooded marsh area located one-quarter of a mile northeast of the facility. These two wetlands are approximately 15 acres each in size. In addition, there are numerous seasonally and semi-permanently flooded ponds within two miles of the facility (USGS, 1961; USDI, undated). There is a potential for a release to ground water to impact the nearby downgradient wetlands.

3.0 SOLID WASTE MANAGEMENT UNITS

This section describes the two SWMUs identified during the PA/VSI. The following information is presented for each SWMU; description of the unit, dates of operation, wastes managed, release controls, history of documented releases, and Dynamac's observations. Figure 2 shows the SWMU locations.

SWMU 1

Container Storage Area

Unit Description:

The Container Storage Area is located outside in the northeast corner of the concrete outdoor raw material storage area; the entire outdoor raw material storage area is fenced (See Photo No. 1). The unit consists of a 384-square-foot portion of the concrete pad and is used to store hazardous waste solvents generated off site by VWR customers. The unit has a capacity to store up to 6,600 gallons of waste in 55-gallon drums and 350-gallon steel portable containers. The unbermed concrete pad is sloped toward a closed drain located in the center of the outdoor raw material storage area.

Date of Startup:

This unit began operation in 1981.

Date of Closure:

This unit is active. The facility plans to undergo RCRA closure of this unit by November 1992, but did not have an approved closure plan at the time of the VSI.

Wastes Managed:

The unit manages a variety of hazardous waste solvents generated off site by VWR customers including spent TCA (F001, F002); spent methylene chloride (F002); spent flammable liquid with mineral spirits and TCA (F002); spent flammable liquid with glycol ethers (F002); spent flammable liquid with trichlorotrifluoroethane (F002); spent combustible liquid with oil (F002); spent perchloroethylene (F001); spent flammable liquid with acetone and PCE (F001, F003, D001, D039);spent hazardous waste liquid trichlorofluoromethane (F001); spent flammable liquid with toluene and xylene (F003, F005); spent flammable liquid with acetone and toluene (D001, F003, F005); combustible liquid with polyalkaline glycol and oil (D001); flammable liquid with isophthalic acid and 1-methoxy-2-propanol (D001); flammable liquid with aliphatic naphtha (D001); flammable liquid with oil (D001); and flammable liquid with isopropanol (D001) (VWR, 1992). Dynamac notes the wastes codes listed above are those assigned by the facility; some of these wastes were likely to

have exhibited an ignitable characteristic (D001). Wastes are either transported off site for fuel blending or recycling, or are transported off site to a transfer station, which transports the waste to an appropriate TSD facility.

Release Controls:

This unit stores waste in closed containers located on an unbermed concrete pad that slopes toward a closed drain. There are no other release controls associated with this unit.

History of

Documented Releases:

There is no history of documented releases at this unit.

Observations:

Dynamac observed a concrete pad labeled "HAZARDOUS WASTE ONLY" in the northeast corner of the outdoor raw material storage area (See Photo No. 1). The unit contained six 55-gallon drums of hazardous waste and seven empty 350-gallon portable steel containers; all containers in the unit appeared to be sealed and in sound condition during the VSI. The 55-gallon drums were labeled and dated.

SWMU 2

Warehouse Storage Area

Unit Description:

The Warehouse Storage Area consists of a 200-square-foot area located on a concrete floor inside the warehouse (photo not available). Wastes managed by this unit are damaged or off-specification products that cannot be returned to the manufacturer or sold as downgraded products. There are no floor drains in the area of this unit.

Date of Startup:

This unit began operation in 1981.

Date of Closure:

This unit is currently active for storage of nonhazardous wastes and less than 90-day storage of hazardous wastes.

Wastes Managed:

This unit manages damaged or off-specification products that cannot be returned to the manufacturer or sold as downgraded products. The facility generates this type of waste only intermittently. The facility last used this unit to manage waste in 1988. During 1988, the facility managed one 55-gallon drum of unused TCA (U226).

Release Controls:

This unit manages waste indoors in closed containers located on a concrete floor with no floor drains.

History of

Documented Releases:

There is no history of documented releases at this unit.

Observations:

Dynamac observed a metal rack with three shelves in this unit (photo not available). There was no visible evidence of any stain or spills on the concrete floor in the area of the unit. At the time of the VSI, the unit did not contain any waste.

4.0 AREAS OF CONCERN

Dynamac did not identify any AOCs at the VWR facility during the PA/VSI. The facility is relatively new; all product storage areas have sound containment and there is no history of documented releases at the facility.

5.0 CONCLUSIONS AND RECOMMENDATIONS

The PA/VSI identified two SWMUs and no AOCs at the VWR facility. Background information on the facility's location, operations, waste generating processes, history of documented releases, regulatory history, environmental setting, and receptors is presented SWMU-specific information, such as the unit's description, dates of in Section 2.0. operation, wastes managed, release controls, history of documented releases, and observed condition, is discussed in Section 3.0. Dynamac did not identify any AOCs at the facility during the PA/VSI. Following are Dynamac's conclusions and recommendations for each SWMU. Table 3 identifies the SWMUs at the VWR facility and recommended further actions.

SWMU 1

Container Storage Area

Conclusions:

The Container Storage Area is a 384-square-foot portion of the concrete outdoor raw material storage area (See Photo No. 1). This unit is used to store waste material from off site customers in closed 55-gallon drums and 350-gallon steel portable containers. concrete pad is fenced and slopes toward a closed drain located in the center of the outdoor raw material storage area.

Due to the release controls described above, the unit has a low potential for release to ground water, surface water, on-site soils, and air.

Recommendations: The facility does not plan to submit a Part B Permit Application (Part B). Because EPA has required all facilities which have interim status to either undergo RCRA closure of all hazardous waste management units or have an effective Part B by November 8, 1992, Dynamac recommends VWR conduct RCRA closure of this unit according to an approved closure plan prior that date.

SWMU 2

Warehouse Storage Area

Conclusions:

The Warehouse Storage Area consists of a 200-square-foot area located on a concrete floor inside the warehouse (photo not available). Wastes are managed in closed containers at this unit; the waste consists of damaged or off-specification products that cannot be returned to the manufacturer or sold as downgraded products. There are no floor drains in the area of this unit.

Due to the release controls described above, the unit has a low potential for a release to ground water, surface water, on-site soils, and

Recommendations: Dynamac recommends no further action for this SWMU.

TABLE 3 SWMU SUMMARY

<u>Sol</u>	<u>id Waste Management Unit</u>	Operational Dates	Evidence of Release	Suggested Further Action
1.	Container Storage Area	1981 to present	None	Conduct RCRA closure according to an approved closure plan
2.	Warehouse Storage Area	1981 to present	None	None

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REFERENCES

- Federal Emergency Management Agency (FEMA), 1982. Flood Insurance Rate Map, Village of Schaumburg, Illinois.
- Hughes, Kraatz, and Landon, 1966. "Bedrock Aquifers of Northeastern Illinois," Illinois State Geological Survey, Circular No. 406.
- Illinois Environmental Protection Agency (IEPA), 1982. Letter to Dan Gallagher, McKesson Chemical Company (McKesson), regarding deficiencies recorded during a March 1982 IEPA inspection, from Ken Bechely, Field Operations Section, IEPA, May 7.
- IEPA, 1986a. RCRA Inspection Report for McKesson prepared by Caroline Panico, IEPA, March 25.
- IEPA, 1986b. RCRA Inspection Report for McKesson (follow-up inspection) prepared by Caroline Panico, IEPA, July 15.
- IEPA, 1988a. Inspection Report for Van Waters and Rogers, Inc. (VWR), prepared by John Maher, IEPA, February 18.
- IEPA, 1988b. Letter to John Pesek, VWR, regarding resolution of facility violations, from Angela Tin, Division of Land Pollution Control, IEPA, June 10.
- IEPA, 1990. Letter to Gerard Anastasia, VWR, regarding May 24, 1990 IEPA inspection, from William Radlinski, Division of Land Pollution Control, IEPA, June 20.
- IEPA, 1992. Telephone conversation between Ahmad Abvlaban, Water Pollution Control Division, IEPA, and Valerie Farrell, Dynamac Corporation (Dynamac), regarding surface water use of Salt Creek and Des Plaines Lake, May 13.
- Lineback, J.A., 1979. Quaternary Deposits in Illinois, Map, 1:500,000 scale.
- McKesson, 1980a. Notification of Hazardous Waste Activity (Notification), August 14.
- McKesson, 1980b. Subsequent Notification, November 10.
- McKesson, 1980c. Part A Permit Application (Part A), November 13.
- National Oceanic and Atmospheric Administration (NOAA), 1979. Climatic Atlas of the U.S., Ashville, NC.
- NOAA, 1990. Local Climatological Data for O'Hare International Airport, Illinois.

REFERENCES (continued)

- Schaumburg City Hall (SCH), 1992. Telephone conversation between a Switchboard Operator, SCH, and Deborah Hall, Dynamac regarding Schaumburg population and surface water use, May 1.
- Schaumburg Department of Public Works (SDPW), 1992. Telephone conversation between Dave Varner, Utilities Superintendent, Schaumburg Department of Public Works, and Deborah Hall, Dynamac, regarding ground water use, May 1.
- Schicht, Adams, and Stall, 1976. Water Resources Availability, Quality, and Cost in Northeastern Illinois, Illinois Geological Survey Report of Investigation No. 83.
- Soil Conservation Service (SCS), 1979. Soil Survey of DuPage County and Portions of Cook County, Illinois, May.
- U.S. Department of the Interior (USDI), undated. National Wetlands Inventory Map, 1:24,000 scale, Palatine, Illinois Quadrangle.
- U.S. Environmental Protection Agency (EPA), 1988. Notice of Violation to McKesson from February 18, 1988, IEPA inspection, April 12.
- U.S. Geological Survey (USGS), 1961. 7.5 Minute Series Topographic Map, Palatine, Illinois Quadrangle, 1:24,000, Photorevised 1972 and 1980.
- VWR, undated. Diagram of the facility layout indicating the location of the office, warehouse, and outdoor raw material storage area.
- VWR, 1986a. Subsequent Notification, October 31.
- VWR, 1986b. Revised Part A, October 31.
- VWR, 1992. 1991 Hazardous Waste Report for IEPA prepared by Stacey Damiani, ChemCare Coordinator, VWR, February 20.
- Willman, 1971. "Summary of the Geology of the Chicago Area," Illinois State Geological Survey, Circular No. 460.

ATTACHMENT A

EPA PRELIMINARY ASSESSMENT FORM 2070-12

EFA

POTENTIAL HAZARDOUS WASTE SITE

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ATTACHMENT B

VISUAL SITE INSPECTION SUMMARY AND PHOTOGRAPHS

VISUAL SITE INSPECTION SUMMARY

Van Waters and Rogers Facility Schaumburg, Illinois ILD 000 819 938

Date:

April 8, 1992

Facility Representatives:

James Hooper, Regulatory Manager, Van Waters and Rogers, Inc. (VWR)

John Tobin, Area Operations Manager, VWR

Inspection Team:

Joseph Weslock, Dynamac Corporation Deborah Hall, Dynamac Corporation

Photographer:

Joseph Weslock, Dynamac Corporation

Weather Conditions:

Sunny; about 55° F

Summary of Activities:

The visual site inspection (VSI) began at 9:00 a.m. with an introductory meeting. The inspection team discussed the purpose of the VSI and the agenda for the visit. Facility representatives then discussed the VWR facility's past and current operations, solid wastes generated, and release history. The inspection team gathered most of the information on a question-and-answer basis. VWR provided the inspection team with copies of the documents requested.

The VSI tour began at 9:40 a.m. The inspection team walked through the facility's warehouse to the outdoor storage area. Dynamac observed the Container Storage Area (SWMU 1), located in the northeast corner. This unit contained 6 closed 55-gallon drums of waste and 7 empty 350-gallon portable tanks. The unit was labelled "Hazardous Waste Only," and there were no visible stains. The inspection team then walked back into the warehouse where Dynamac observed the Warehouse Storage Area (SWMU 2), located in the southeast corner. This unit did not contain any waste at the time of the VSI.

Visual Site Inspection Summary VWR Facility April 8, 1992

The tour concluded at approximately 10:00 a.m., after which the inspection team held an exit interview with Messrs. Hooper and Tobin. The inspection team completed the VSI and left the facility at 10:10 a.m.

PHOTOGRAPHS

VAN WATERS AND ROGERS, INC., FACILITY SCHAUMBURG, ILLINOIS

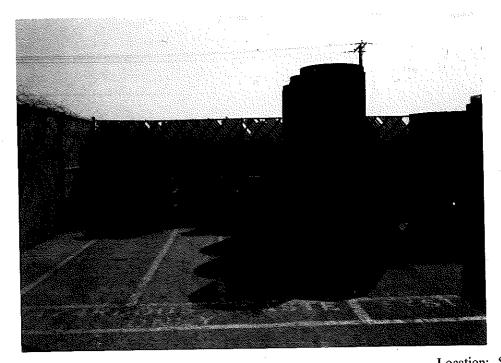


Photo No.: Orientation: Description: Location: SWMU 1
East
Container Storage Area located in the northeast corner of the outdoor storage area. Each of the 350-gallon portable tanks in this area were empty at the time of the VSI.

END OF PHOTOGRAPHS

ATTACHMENT C

VISUAL SITE INSPECTION FIELD NOTES

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590



REPLY TO THE ATTENTION OF:

HRE-8J

April 21, 1993

Mr. James Hooper Regulatory Manager Van Waters and Rogers, Inc. 2055 Hammond Drive Schaumburg, Illinois 60173

Re: \

Visual Site Inspection Van Waters and Rogers Facility Schaumburg, Illinois ILD 000 819 938

Dear Mr. Hooper:

The U.S. Environmental Protection Agency is enclosing a copy of the final Preliminary Assessment/Visual Site Inspection (PA/VSI) report for the referenced facility. The executive summary and conclusions and recommendations sections have been withheld as Enforcement Confidential.

If you have any questions, please call Francene Harris at (312) 886-2884.

Sincerely yours,

Kevin M. Pierard, Chief

Minnesota/Ohio Technical Enforcement Section

RCRA Enforcement Branch



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 5 77 WEST JACKSON BOULEVARD CHICAGO, IL 60604-3590

REPLY TO THE ATTENTION OF:

April 2, 1992

HRE-8J

John Tobin Area Operations Manager Van Waters and Rogers, Incorporated 2055 Hammond Drive Schaumburg, Illinois 60173

Re:

Visual Site Inspection Van Waters and Rogers, Incorporated Schaumburg, Illinois ILD 000 819 938

Dear Mr. Tobin:

The United States Environmental Protection Agency (U.S. EPA) Region V will conduct a Preliminary Assessment including a Visual Site Inspection (PA/VSI) at the referenced facility. This inspection is conducted pursuant to the Resource Conservation and Recovery Act, as amended (RCRA) Section 3007 and the Comprehensive Environmental Response, Compensation, and Liability Act, as amended (CERCLA) Section 104(e). The referenced facility has generated, treated, stored, or disposed of hazardous waste subject to RCRA. The PA/VSI requires identification and systematic review of all solid waste streams at the facility. The objective of the PA/VSI is to determine whether or not releases of hazardous wastes or hazardous constituents have occurred or are occurring at the facility which may require further investigation. This analysis will also provide information to establish priorities for addressing any confirmed releases.

The visual site inspection of your facility is to verify the location of all solid waste management units (SWMUs) and areas of concern (AOCs) to make a cursory determination of their condition by visual observation. The definitions of SWMUs and AOCs are included in attachment I. The VSI supplements and updates data gathered during a preliminary file review. During this site inspection, no samples will be taken. A sampling visit to ascertain if releases of hazardous waste or constituents have occurred may be required at a later date.

Assistance of some of your personnel may be required in reviewing solid waste flow(s) or previous disposal practices. The site inspection is to provide a technical understanding of the present and past waste flows and handling, treatment, storage, and disposal practices. Photographs of the facility are necessary to document the condition of units at the facility and the waste management practices used.

April 2, 1992 Page two

The VSI has been scheduled for April 8, 1992. The inspection team will consist of Joeseph Weslock and Deborah Hall of Dynamac Corporation, contractors for the U.S. EPA. Representatives of the Illinois Environmental Protection Agency (IEPA) may also be present. Your cooperation in admitting and assisting them while on site is appreciated.

The U.S. EPA recommends that personnel who are familiar with present and past manufacturing and waste management activities be available during the VSI. Access to any relevant maps, diagrams, hydrogeologic reports, environmental assessment reports, sampling data sheets, environmental permits (air, NPDES), manifests and/or correspondence is also necessary, as such information is needed to complete the PA/VSI.

If you have any questions, please contact me at (312) 886-4448 or Francene Harris at (312) 886-2884. A copy of the Preliminary Assessment/Visual Site Inspection Report, excluding the Conclusions and Executive Summary portions, will be sent when the report is available.

Sincerely yours,

Kevin M. Pierard, Chief

OH/MN Technical Enforcement Section

attachment

cc: Larry Eastep, Permit Section, IEPA

ATTACHMENT I

The definitions of solid waste management unit (SWMU) and area of concern (AOC) are as follows.

A SWMU is defined as any discernable unit where solid wastes have been placed at any time from which hazardous constituents might migrate, regardless of whether the unit was intended for the management of a solid or hazardous waste.

The SWMU definition includes the following:

- o RCRA regulated units, such as container storage areas, tanks, surface impoundments, waste piles, land treatment units, landfills, incinerators and underground injection wells
- o Closed and abandoned units
- o Recycling units, wastewater treatment units, and other units that U.S. Environmental Protection Agency has generally exempted from standards applicable to hazardous waste management units
- o Areas contaminated by routine and systematic releases of wastes or hazardous constituents, such as wood preservative treatment dripping areas, loading or unloading areas, or solvent washing areas

An AOC is defined as any area where a release to the environment of hazardous wastes or constituents has occurred or is suspected to have occurred on a nonroutine or a nonsystematic basis. This includes any area where such a release in the future is judged to be a strong possibility.